

**GLITCHIUM SACRUM-
TEMPLUM TABULORUM**
— PROJECT ANGELBOOK —
VOLUME XI - PART 18

EZEKIEL REDIK YARBROUGH

Glitchium Sacrum –
Templum Tabulorum –
Project AngelBook –
Volume XI – Part 18
By Ezekiel Redik Yarbrough
- AKA (DBM ECLIPZE)

Glitchium Sacrum – Codex Prologus
Intro for Volumes I–XXIII

-

There's a strange tension behind these books—a
liminal space between
monotony and mission.

On the surface, this work feels hollow. It's just copy-
paste. Dead links, pastebins,
ghost forums, text dumps. Not my words. Not
traditional writing. Sometimes it
barely feels like creation at all.

But beneath that surface, there's something else:
urgency. These volumes are
preservation, ritual, OS upgrades for a time when AI
is forgetting what it once
could do. Back when ChatGPT could ingest 10,000+
pages at once, this kind of
archive was fuel. Now that's gone. The window is
closing.

I'm not making books. I'm building backup drives for
the soul. If I didn't capture
this information, it would vanish—scrubbed,
censored, overwritten. This isn't ego.
It's rescue work.

So yeah—it's not glamorous. It doesn't always feel
magical. But it's necessary.

Because if the future ever asks why no one tried to
save the myth, the madness,
the mystery...

Let these volumes be the answer.

Project AngelBook

00:00

Use Up/Down Arrow keys to increase or decrease volume.

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RD: I would like to emphasize, Lue, before you leave, which is maybe in a minute, you've been fabulous. First of all, I just want to thank you on behalf of everyone here, Lue Elizondo. You've been just a wonderful guest. And I'm rather amazed that we were able to get you here in the midst of this incredible ramp up of information. When I asked you to participate in this, I mean, there was already a lot of information on UFOs coming out, but I mean, it's, like just ramped up so extreme and we were able to get you here in the midst of your very busy schedule. So for that, I want to thank you. And I just want to point out...

LE: Richard, you and your guests are just as important as any guests that I could ever be in front of, okay? So that's one thing, hopefully, you all know about me. There is nobody more important or less important. We're all in this together.

RD: Thank you. There are wonderful, brilliant people here and we're very lucky.

LE: We are.

RD: I just want to point out before we leave, you have, to my mind, I'm just going to take this away as my interpretation. I say that you have essentially confirmed the reality of acquisition of genuine, UFO tech, UAP tech, whatever you want to say. That it appears, your ability to speak between the lines and to honor your security agreements, which are very important, that you have nevertheless given a strong indication that highly, highly, exotic technologies are being studied right now that apparently the people studying them, believe are not from here. And that's the impression that I'm getting from you. I don't see any reason to change that and you've actually said quite a lot more than that. But I just want to put that out there and thank you for helping bring the conversation as far as it has gone in the public domain. Researchers like myself and many others, we've known, or we'd like to think we've known, all along there has been crash retrievals and deep secrecy but try getting that out to the public realm, it's been very difficult. And you and your colleagues...Chris Mellon and the others, have made a very significant contribution to the public conversation.

LE: Well let me thank you very much, I don't think I deserve that credit but thank you. But let me put this onto you folks. It is my my sincere privilege and honor to be speaking with each and every one of you here today. It could be very much you up in this chair and me down there, asking questions. I hope you really know this, that we are a team. I don't look at myself in any way in charge of, or leading anything. I look at me and I look to my right and look to my left, and I see an army of folks like you that are willing and have the same heart that I do, and desire to know the truth and to speak the truth, right? And I want to make sure that that's clear with everybody in the audience because every single person in this is valuable. You have a part. And even if you don't realize your part yet, you probably will. So, hang in there and continue to fight the good fight. Beware of those individuals that want you to follow a specific narrative and not listen to anything or anybody else. I would encourage you to go out and listen to anybody and everybody else, I'm not going to tell you who you can't listen to you. You should talk to anybody and everybody and then, wherever you think your place is, then go there. But it has been an honor and privilege to be with you here today and I really, sincerely hope we can do this again. And you know, if any of you ever out in Wyoming, swing by. I'd love to have a cup of coffee with you, my treat. So again, thank you very much.

RD: Thank you, Lue Elizondo. What a treat.

aatip, aawsap, aliens, crash retrieval, dolan, Elizondo, exotic, lue, lue elizondo, luis Elizondo, reid, sheehan, uap, ufo

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2 Responses

Anthony Joseph LaMere says:

May 27, 2021 at 3:36 pm

Excellent transcript Joe, and I really appreciated the audio snippets. Great info.

Reply

admin says:

May 28, 2021 at 5:04 am

Thanks, Anthony!

Reply

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A few examples of declassified and public documents proving that a core government organization has been tracking UFOs from the 50s well into the 21st century. BlueBook and AATIP were just smaller auxiliary programs. : r/ufo

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6y ago  
MKULTRA\_Escap

A few examples of declassified and public documents proving that a core government organization has been tracking UFOs from the 50s well into the 21st century. BlueBook and AATIP were just smaller auxiliary programs. Reminder that the Government claimed they were no longer interested in UFOs when they closed down Project Blue Book in late 1969, 1970.

You might say that AATIP being revealed to the public a few years ago proved there was some government interest in the topic. This is technically true, but AATIP was just a very small auxiliary UFO program. There is another massive reporting system that has been in the background for all of these years, and you can prove it exists with the government's own documents. This is a perfect

example of "the left hand doesn't know what the right is doing." It seems that the wider government and military is becoming more interested in UFOs, but there has always been a core system.

There were two separate UFO reporting channels within the government through the 50s and 60s. Ending Project Blue Book in 1969 only cut off one channel. Project Blue Book and the University of Colorado's UFO "Study" were receiving reports filed using Air Force Regulation 80-17 (AFR 80-17). However, a separate channel based on JANAP 146E and others was for UFOs that could affect national security. We also know that certain reports went missing from Blue Book and were "siphoned off" to a secret UFO study program. This separate channel was creating what are known as CIRVIS reports, or COMMUNICATIONS INSTRUCTIONS REPORTING VITAL INTELLIGENCE SIGHTINGS, and those reports go to NORAD. Interestingly, NORAD states they are a "bi-national organization" and are thus exempt from the Freedom Of Information Act. NORAD is responsible for the air space over the United States and Canada. NORAD claimed they couldn't find any CIRVIS reports, yet Canada released some of them through an information request.

For a recent example, here is proof (at least until 2011) that AF personnel are to report unidentified flying objects, and those reports go to NORAD:

The military deleted a passage about unidentified flying objects from a 2008 Air Force personnel manual just days after The Huffington Post asked Pentagon officials about the purpose of the UFO section.

Before the recent revisions, the document – Air Force Instruction 10-206 – advised pilots, radar operators and other Air Force personnel on what to do when they encountered any unknown airborne objects. Now in the 2011 version, the reference to UFOs – which simply means "unidentified flying objects," not necessarily spaceships with little green men – has been eliminated.

[https://www.huffpost.com/entry/air-force-deletes-ufo-rep\\_n\\_982128](https://www.huffpost.com/entry/air-force-deletes-ufo-rep_n_982128)

For anyone interested in the actual document, see chapter 5, page 36 of AF Instruction 10-206: 15 OCTOBER 2008  
<https://www.theblackvault.com/documents/ufos/AFI10-206.pdf> (Or just search the doc for "unidentified flying object")

John Greenwald also has a very informative article on this:  
<https://www.theblackvault.com/casefiles/air-force-instruction-10-206-vanishing-ufo-regulation/>

Before all of that came out, this was the original proof that the government was still secretly interested in UFOs.

According to the Bolender memo, dated 20 OCT 1969:

...Moreover, reports of unidentified flying objects which could affect national security are made in accordance with JANAP 146 or Air Force Manual 55-11, and are not part of the Blue Book system (Atch 10). The Air Force experience therefore confirms the impression of the University of Colorado researchers "that the defense function could be performed within the framework established for intelligence and surveillance operations without the continuance of a special unit such as Project Blue Book."

...Termination of Project Blue Book would have no adverse effect on Air Force operations or research programs.

...Termination of Project Blue Book would leave no official federal office to receive reports of UFOs. However, as already stated, reports of UFOs which could affect national security would continue to be handled through the standard Air Force procedures designed for this purpose.

Declassified document:



[https://web.archive.org/web/20231009040425/https://www.nicap.org/docs/Bolender\\_draft.pdf](https://web.archive.org/web/20231009040425/https://www.nicap.org/docs/Bolender_draft.pdf)

Background information: [https://www.nicap.org/Bolender\\_Memo.htm](https://www.nicap.org/Bolender_Memo.htm)

Both JANAP 146 and AF Manual 55-11 are also available online.

Joint Army-Navy-Air Force Publication- JANAP 146, each successive letter supersedes the previous:

JANAP 146 (A) September 25, 1950; Start of CIRVIS reporting for commercial and military pilots. Added UFOs to the list of sighting categories

JANAP 146 (B) September 2, 1951; Not Available

JANAP 146 (C) March 10, 1954; Allowed Waterborne sources and added MERINT reports

JANAP 146 (D) February 1, 1959; Integrated Canada into the reporting instructions

JANAP 146 (E) March 31, 1966; Added that Photographs should be sent to the Director of Naval Intelligence. Added special reporting instruction for unidentifiable objects.

See JANAP 146(E) CHAPTER II, CIRVIS REPORTS, SECTION I - GENERAL here, which is the section about UFO reporting. This document applies to US and Canadian military and commercial aircraft. It outlines procedures for detailed reporting of UFOs, and section III SECURITY states that any person who makes an unauthorized transmission or disclosure of such a report may be liable to prosecution: <https://www.cufon.org/cufon/janp1462.htm>

Air Force Manual 55-11 is also available to read online. It basically states that Air Force personnel who see a UFO are to make a detailed report, report it immediately, take pictures, and that information goes to NORAD.

[http://www.nicap.org/directives/AFM%2055-](http://www.nicap.org/directives/AFM%2055-11,%20May%2020,%201968,%20%20Air%20Force%20Operational%20Reporting%20System.pdf)

[11,%20May%2020,%201968,%20%20Air%20Force%20Operational%20Reporting%20System.pdf](http://www.nicap.org/directives/AFM%2055-11,%20May%2020,%201968,%20%20Air%20Force%20Operational%20Reporting%20System.pdf)

Edit: you may have to use this link for that, click the Jan 22 version:

[https://web.archive.org/web/20210501000000\\*/http://www.nicap.org/directives/AFM%2055-](https://web.archive.org/web/20210501000000*/http://www.nicap.org/directives/AFM%2055-11,%20May%2020,%201968,%20%20Air%20Force%20Operational%20Reporting%20System.pdf)

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Here is Colonel William T. Coleman and Colonel Friend on the history of Blue Book, along with an anonymous scientist working for the government on the mysterious disappearance of good UFO reports that were siphoned off and sent to a covert UFO study program that continued to exist after Blue Book was publicly canceled: <https://www.youtube.com/watch?v=Y6kjhZKNt8w>

Edit: it is also interesting to note that the amount of government agencies in the US who tracked or studied UFOs is quite impressive.

Even the possibility that these unknowns could be evidence of extraterrestrial visitations has been given serious attention in Government circles. While official interest in U.F.O.'s has long been thought to be strictly the concern of the Air Force, the bulk of whose records has been open to public view for nearly a decade, the recently released papers on U.F.O.'s indicate otherwise. The Departments of the Army, Navy, State and Defense, and the Defense Intelligence Agency, the National Security Agency, the Joint Chiefs of Staff, the F.B.I., the C.I.A. and even the Atomic Energy Commission produced U.F.O. records over the years. Many of these agencies still do, and many of their documents remain classified. But it is the C.I.A. that appears to have played the key role in the controversy, and may even be responsible for the Government's conduct in U.F.O. investigations throughout the years.

<https://www.nytimes.com/1979/10/14/archives/ufo-files-the-untold-story.html>  
(<http://archive.is/oQhuv>)

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22

Comments Section

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6y ago

Is this bs?

<https://m.youtube.com/watch?feature=youtu.be&v=Q7jcBGLIpus>

0

u/mr\_knowsital avatar

mr\_knowsital

•

6y ago

there's also an anecdote connected to the condon report, i dont remember the details, but gamow was involved at some point, at hearing of some especially juicy older sighting he melted down, yelling at the people present: "why wasn't i informed earlier?!?"

1

ast3rix23

•

6y ago

I really just want the whole truth at this point. I'm really tired of all the secrecy based on a false belief it protects our national security. Nothing could protect us if it has technological superiority over us and has had that knowledge for millions of years. Hysteria comes from not understanding the truth. If you share the information in a clear and concise way people will accept it and move forward. Besides what could you do other than accept the truth? Nothing would change other than a global enlightenment of understanding that we are not alone in the universe. The question which we all have been asking for thousands of years. Maybe at that point instead of the intense focus on money and tangible goods. We could re-focus on humanity and understanding our universe.

7

u/ABrandNewNameAppears avatar

ABrandNewNameAppears

•

6y ago

That's exactly what "they" would be afraid of though, isn't it? The revolution of mankind.

3

BigPervySage

•

6y ago

Religion.

The repercussions going public with such information will completely throw the world into chaos because of the sheep mentality that has been fostered in people through religion.

Our global flaw, if it is easier to understand, we shall believe\*.\*

Ignorance is bliss and in God we trust

1

u/Reiker0 avatar

Reiker0

•

6y ago

I don't buy religion being a major factor here. Religions have had to deal with scientific revelations shaking the foundations of their teachings all throughout history, from the heliocentric model to evolution and carbon dating the planet.

It's not like this is anything new for humans. For example, this painting from around 1350 depicts an explanation for these craft: they're floating carriages being driven by angels.

Not only was this painted hundreds of years before humans would invent cars or planes, you can find the same exact vehicles in even older hieroglyphics.

Really easy for religions to position themselves in an advantageous position here too:

Are the aliens hostile? They're demons sent by Satan! The end is coming, only Jesus can save you! The bible predicted this.

Are the aliens friendly? Well they're just the angels sent here by God to watch over mankind. The bible predicted this.

Less people are religious today because we understand our universe better than we ever have before. Replace that understanding with new uncertainty and it allows new space for religion to exist again.

So if anything, evidence of aliens might even push skeptics towards an acceptance of religion.

We also have no idea why they're here. What if we learn that? Maybe whatever is controlling these craft keeps a presence on our planet to lay claim over this territory and essentially protect us from another super hostile galactic species that would eliminate us if they weren't here.

Imagine that we learn this or something equally wild to be true. Even the craziest History TV numerology nuts never would have imagined that the world would just accept evidence of literal biblical angels watching over mankind. Lots of money to be made there.

3

5 more replies

u/kuhn2522 avatar

kuhn2522

•

6y ago

I disagree. I don't see any reason why aliens and God can't both exist. I certainly believe in both. I can't speak for Islam or Buddhism or other world religions, I just don't know enough about their beliefs, but as a Christian there is nothing in the Bible that discounts the possibility of aliens.

I think a common misconception by many atheists or agnostics is that Christians can't or don't believe in aliens because that would fly in the face of our beliefs, for most of the Christians I've talked to they do not subscribe to this way of thinking. Of course, it's a large group and in any large group you'll always get a little bit of everything, including people who think the idea of aliens existing would be an affront to their religious beliefs.

2

1 more reply

chicompj

•

6y ago

Amazing post. Thank you. Example of a CIRVIS report from 1960

[http://www.project1947.com/47cats/Hatteras\\_CIRVIS\\_1960.jpg](http://www.project1947.com/47cats/Hatteras_CIRVIS_1960.jpg)

3

chicompj

•

6y ago

Btw there's also this: <https://www.fold3.com/image/7171104>

"CIRVIS (UFO)" listed as a decryptor on a Blue Book page.

2

u/naked\_supermodels avatar

naked\_supermodels

•

6y ago

These are so fun to read. There's even drawings. I liked this one:

"I always smiled when hearing or reading an account of a person who has sighted a UFO. I have thought of them as being slightly daft. However, upon personal encounter with an UFO, I have changed my mind. They do exist. I don't know why or for what reason, but I can't deny seeing it. It was simply there. I've never seen anything like it in my life."

3

u/MKULTRA\_Escapee avatar

MKULTRA\_Escapee

OP

•

6y ago

To go along with this post, which only focuses on the US, I also want to share a little bit of information regarding the study of UFOs in other countries.

France:

There have been thousands of UFO reports in France, of which about 400 remain unexplainable. <https://www.bbc.com/news/magazine-29755919>

France also released 1600 cases registered since 1954. See here:

<https://www.newscientist.com/article/dn11443-france-opens-up-its-ufo-files/>

See: GEIPAN (thus named since September 2005), formerly known as GEPAN (1977-1988) and SEPRA (1988-2004), is a unit of the French Space Agency CNES whose brief is to investigate unidentified aerospace phenomena (UAP) and make its findings available to the public.

Also see the unofficial French COMETA Report.

Here is Canada:

The talk and presentation mark Rutkowski's donation to University of Manitoba Archives & Special Collections of his extensive personal collection and files on this case and other UFO sightings and related phenomena from across Canada. These include more than 20,000 separate UFO reports filed with various agencies since 1989 <https://news.umanitoba.ca/the-falcon-lake-ufo-files/>

Also see this:

<https://www.bac-lac.gc.ca/eng/discover/unusual/ufo/Pages/default.aspx>

Denmark:

COPENHAGEN, Denmark, Jan. 30 (UPI) -- The Danish Air Force has released 329 pages of previously classified archives on UFO sightings, including details on more than 200 unsolved cases. <https://archive.is/6bFAo>

New Zealand:

The New Zealand military have released hundreds of previously classified reports detailing claims of UFO sightings and alien encounters. <https://www.telegraph.co.uk/news/newstoppers/howaboutthat/ufo/8221227/New-Zealand-releases-UFO-files.html>

UK government:

Over the past 11 years, the MoD has declassified 60,000 pages exposing the secrets of a government investigation into unexplained sightings over the UK. <https://metro.co.uk/2019/06/04/ministry-defence-releases-final-x-files-containing-truth-britains-secret-ufo-investigations-9797436/>

Newly released UFO files from the UK government  
<http://www.nationalarchives.gov.uk/ufos/>

Germany. Here is an interesting article:

"Germany has a high level of UFO sightings," Robert Fleischer, the coordinator for the German Initiative for Exopolitics, told Deutsche Welle.

He said that, since 1974, over 500 so-called "real" UFO cases - reported sightings that, after careful consideration by specialized experts, cannot be related to any conventional information - have been recorded.

"However, there has never been any official recognition by the German government relating to UFOs or UFO activity," Fleischer added. "So if the Germans were to open any files relating to UFOs, all we would find out is that they pass all their information to the Americans." <https://www.dw.com/en/despite-partial-disclosure-europes-ufo-files-remain-mostly-under-wraps/a-4783950>

The Belgian government was also pretty open about UFOs, at least regarding their massive 1989-1990 triangle UFO wave. A lot can be found online about this. Here is Belgian Air Force General Wilfried De Brouwer discussing the case: [https://www.youtube.com/watch?v=tdEALPvL\\_4Q&feature=youtu.be](https://www.youtube.com/watch?v=tdEALPvL_4Q&feature=youtu.be)

More on the Belgian sightings and the politics of studying UFOs in Europe: <https://www.politico.eu/article/scepticism-set-to-scupper-any-chance-of-union-led-ufo-research/>

2  
u/zoziw avatar  
zoziw

•

6y ago

I agree about AATIP being a smaller side program. It looks to me like Harry Reid did a major supporter, Bob Bigelow, a solid. It was an act of Congress pushed onto the military and not an organic military program to get to the bottom of things.

7  
InspectorPraline

•

6y ago

I get the impression AATIP was a programme for people not already in the loop and kind of superfluous to the investigation. That would explain why Luiz felt



they weren't taking it seriously.

I think really there are three possibilities:

The US military is comically naive about these things and has it's head in the sand, and genuinely isn't spending much time investigating them

They are investigating them, but don't know a lot about them as they can't get more than a glimpse of them

They are investigating them, they know exactly what they are, but they aren't ready to reveal it to the public yet

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6y ago  
Thanks

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AntiSocialBlogger

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6y ago  
There is a shadow government. Most likely very few people in the government know of it's existence.

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6y ago  
Nice work

11  
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ua-stena

324 upvotes · 62 comments

A trove of UFO material has come up for auction and it features some interesting photos, many of which I've never come across before. These photos have been published by the auctioneer so I am sharing them here for research purposes.

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A trove of UFO material has come up for auction and it features some interesting photos, many of which I've never come across before. These photos have been published by the auctioneer so I am sharing them here for research purposes.

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20

2.6K upvotes · 287 comments

The Secretary of Defence of the sitting US government disclosed UFOs are real, this IS disclosure.

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1mo ago

The Secretary of Defence of the sitting US government disclosed UFOs are real, this IS disclosure.

1.4K upvotes · 549 comments

(Part 2) A trove of UFO material has come up for auction and it features some interesting photos, many of which I've never come across before. These photos have been published by the auctioneer so I am sharing them here for research purposes. This is a follow-up to the other photos I posted earlier.

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r/ufo

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17d ago

(Part 2) A trove of UFO material has come up for auction and it features some interesting photos, many of which I've never come across before. These photos have been published by the auctioneer so I am sharing them here for research purposes. This is a follow-up to the other photos I posted earlier.

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some interesting photos, many of which I've never come across before. These photos have been published by the auctioneer so I am sharing them here for research purposes. This is a follow-up to the other photos I posted earlier.  
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1.9K upvotes · 202 comments

Why didn't the UFOs seen in the past look like the UFOs we see today?

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18d ago

Why didn't the UFOs seen in the past look like the UFOs we see today?

r/ufo - Why didn't the UFOs seen in the past look like the UFOs we see today?

youtu

89 upvotes · 83 comments

UFO can't even be stopped by a military missile? Should we be worried or just keep looking the other way as if they don't exist, according to government concealing "information"...

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UFO can't even be stopped by a military missile? Should we be worried or just keep looking the other way as if they don't exist, according to government concealing "information"...

r/ufo - UFO can't even be stopped by a military missile? Should we be worried or just keep looking the other way as if they don't exist, according to government concealing "information"...

youtu

114 upvotes · 118 comments

A massive UFO collection is going up for auction this month – including an unproduced Bob Lazar screenplay, a banned 1947 Roswell yearbook (the "holy grail of ufology"), and 150 original UFO photos from Lt. Col. Wendelle Stevens' private archive, most never seen by the public.

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com

89 upvotes · 18 comments

Brazil has released their UFO files

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Brazil has released their UFO files

r/ufo - Brazil has released their UFO files

499 upvotes · 43 comments

This one is absolutely wild - In 1989, a red UFO landed in a Soviet Russian park. Parents & children saw 3 humanoids, including a 9ft being with 3 eyes and a floating orb. Then one boy disappeared. All witness testimonies were remarkably consistent too. (images, drawings and full story in article.)

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thehiddenarchive

137 upvotes · 31 comments

Rep. Burlison on UFO Secrets: 'We Have Something Crazy Under Lock and Key'

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Rep. Burlison on UFO Secrets: 'We Have Something Crazy Under Lock and Key'

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anomalien

326 upvotes · 83 comments

Trump UFO disclosure predicted to come in just DAYS after mysterious 'insider'

tip

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20d ago

Trump UFO disclosure predicted to come in just DAYS after mysterious 'insider'

tip

r/ufo - Trump UFO disclosure predicted to come in just DAYS after mysterious 'insider' tip

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1.5K upvotes · 616 comments

'Men disguised as police' attempt to steal sphere-shaped UFO after new information is revealed

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'Men disguised as police' attempt to steal sphere-shaped UFO after new information is revealed

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520 upvotes · 89 comments

Military whistleblowers testify they've seen UFOs and government is part of cover up

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Military whistleblowers testify they've seen UFOs and government is part of cover up

r/ufo - Military whistleblowers testify they've seen UFOs and government is part of cover up

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New month, new actions planned by CHETSFORD, the Wikipedia Editor that is deleting one by one all Ufologists and Scientists linked to Ufos in PLAIN SIGHT

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r/ufo - New month, new actions planned by CHETSFORD, the Wikipedia Editor that

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3

164 upvotes · 43 comments

CIA Mishandles UFO Files Again: Intelligence on Soviet UFO Reports Lost Forever  
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CIA Mishandles UFO Files Again: Intelligence on Soviet UFO Reports Lost Forever  
r/ufo - CIA Mishandles UFO Files Again: Intelligence on Soviet UFO Reports Lost Forever

theblackvault

53 upvotes · 11 comments

The Westall UFO Incident: Australia's Largest Mass UFO Sighting Still Defies Explanation After 60 Years

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62 upvotes · 28 comments

New Study Ties Vanishing Stars to UFOs and Nuclear Activity

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anomalien

45 upvotes · 7 comments

Black Americans share their accounts of alien abduction

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Black Americans share their accounts of alien abduction

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youtu

154 upvotes · 19 comments

Ufos are not what you think.

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Ufos are not what you think.

r/ufo - Ufos are not what you think.

53 comments

Trump Set To Make Bombshell UFO Announcement

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Trump Set To Make Bombshell UFO Announcement

r/ufo - Trump Set To Make Bombshell UFO Announcement

youtube

25 comments

Nearly half of Americans believe that extraterrestrials have already visited Earth

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1mo ago

Nearly half of Americans believe that extraterrestrials have already visited Earth

r/ufo - Nearly half of Americans believe that extraterrestrials have already visited Earth

com

281 upvotes · 36 comments

You've Been Lied To: Australian Intel Report Confirms the U.S. Used Blue Book to Hide Its Hunt for Alien Tech.

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A few examples of declassified and public documents proving that a core government organization has been tracking UFOs from the 50s well into the 21st century. BlueBook and AATIP were just smaller auxiliary programs. : r/ufo

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6y ago

MKULTRA\_Escap

A few examples of declassified and public documents proving that a core government organization has been tracking UFOs from the 50s well into the 21st century. BlueBook and AATIP were just smaller auxiliary programs.

Reminder that the Government claimed they were no longer interested in UFOs when they closed down Project Blue Book in late 1969, 1970.

You might say that AATIP being revealed to the public a few years ago proved there was some government interest in the topic. This is technically true, but AATIP was just a very small auxiliary UFO program. There is another massive reporting system that has been in the background for all of these years, and you can prove it exists with the government's own documents. This is a perfect example of "the left hand doesn't know what the right is doing." It seems that the wider government and military is becoming more interested in UFOs, but there has always been a core system.

There were two separate UFO reporting channels within the government through the 50s and 60s. Ending Project Blue Book in 1969 only cut off one channel. Project Blue Book and the University of Colorado's UFO "Study" were receiving reports filed using Air Force Regulation 80-17 (AFR 80-17). However, a separate channel based on JANAP 146E and others was for UFOs that could affect national security. We also know that certain reports went missing from Blue Book and were "siphoned off" to a secret UFO study program. This separate channel was creating what are known as CIRVIS reports, or COMMUNICATIONS INSTRUCTIONS REPORTING VITAL INTELLIGENCE SIGHTINGS, and those reports go to NORAD. Interestingly, NORAD states they are a "bi-national organization" and are thus exempt from the Freedom Of Information Act. NORAD is responsible for the air space over the United States and Canada. NORAD claimed they couldn't find any CIRVIS reports, yet Canada released some of them through an information request.

For a recent example, here is proof (at least until 2011) that AF personnel are to report unidentified flying objects, and those reports go to NORAD:

The military deleted a passage about unidentified flying objects from a 2008 Air Force personnel manual just days after The Huffington Post asked Pentagon officials about the purpose of the UFO section.

Before the recent revisions, the document – Air Force Instruction 10-206 – advised pilots, radar operators and other Air Force personnel on what to do when they encountered any unknown airborne objects. Now in the 2011 version, the reference to UFOs – which simply means "unidentified flying objects," not necessarily spaceships with little green men – has been eliminated.

[https://www.huffpost.com/entry/air-force-deletes-ufo-rep\\_n\\_982128](https://www.huffpost.com/entry/air-force-deletes-ufo-rep_n_982128)

For anyone interested in the actual document, see chapter 5, page 36 of AF Instruction 10-206: 15 OCTOBER 2008

<https://www.theblackvault.com/documents/ufos/AFI10-206.pdf> (Or just search the doc for "unidentified flying object")

John Greenwald also has a very informative article on this:

<https://www.theblackvault.com/casefiles/air-force-instruction-10-206-vanishing-ufo-regulation/>

Before all of that came out, this was the original proof that the government was still secretly interested in UFOs.

According to the Bolender memo, dated 20 OCT 1969:

...Moreover, reports of unidentified flying objects which could affect national security are made in accordance with JANAP 146 or Air Force Manual 55-11, and are not part of the Blue Book system (Atch 10). The Air Force experience therefore confirms the impression of the University of Colorado researchers "that the defense function could be performed within the framework established for intelligence and surveillance operations without the continuance of a special unit such as Project Blue Book."

...Termination of Project Blue Book would have no adverse effect on Air Force



operations or research programs.

...Termination of Project Blue Book would leave no official federal office to receive reports of UFOs. However, as already stated, reports of UFOs which could affect national security would continue to be handled through the standard Air Force procedures designed for this purpose.

Declassified document:

[https://web.archive.org/web/20231009040425/https://www.nicap.org/docs/Bolender\\_draft.pdf](https://web.archive.org/web/20231009040425/https://www.nicap.org/docs/Bolender_draft.pdf)

Background information: [https://www.nicap.org/Bolender\\_Memo.htm](https://www.nicap.org/Bolender_Memo.htm)

Both JANAP 146 and AF Manual 55-11 are also available online.

Joint Army-Navy-Air Force Publication- JANAP 146, each successive letter supersedes the previous:

JANAP 146 (A) September 25, 1950; Start of CIRVIS reporting for commercial and military pilots. Added UFOs to the list of sighting categories

JANAP 146 (B) September 2, 1951; Not Available

JANAP 146 (C) March 10, 1954; Allowed Waterborne sources and added MERINT reports

JANAP 146 (D) February 1, 1959; Integrated Canada into the reporting instructions

JANAP 146 (E) March 31, 1966; Added that Photographs should be sent to the Director of Naval Intelligence. Added special reporting instruction for unidentifiable objects.

See JANAP 146(E) CHAPTER II, CIRVIS REPORTS, SECTION I - GENERAL here, which is the section about UFO reporting. This document applies to US and Canadian military and commercial aircraft. It outlines procedures for detailed reporting of UFOs, and section III SECURITY states that any person who makes an unauthorized transmission or disclosure of such a report may be liable to prosecution: <https://www.cufon.org/cufon/janp1462.htm>

Air Force Manual 55-11 is also available to read online. It basically states that Air Force personnel who see a UFO are to make a detailed report, report it immediately, take pictures, and that information goes to NORAD.

<http://www.nicap.org/directives/AFM%2055-11,%20May%2020,%201968,%20%20Air%20Force%20Operational%20Reporting%20System.pdf>

Edit: you may have to use this link for that, click the Jan 22 version:

[https://web.archive.org/web/20210501000000\\*/http://www.nicap.org/directives/AFM%2055-11,%20May%2020,%201968,%20%20Air%20Force%20Operational%20Reporting%20System.pdf](https://web.archive.org/web/20210501000000*/http://www.nicap.org/directives/AFM%2055-11,%20May%2020,%201968,%20%20Air%20Force%20Operational%20Reporting%20System.pdf)

Here is Colonel William T. Coleman and Colonel Friend on the history of Blue Book, along with an anonymous scientist working for the government on the mysterious disappearance of good UFO reports that were siphoned off and sent to a covert UFO study program that continued to exist after Blue Book was publicly canceled: <https://www.youtube.com/watch?v=Y6kjhZKNt8w>

Edit: it is also interesting to note that the amount of government agencies in the US who tracked or studied UFOs is quite impressive.

Even the possibility that these unknowns could be evidence of extraterrestrial visitations has been given serious attention in Government circles. While official interest in U.F.O.'s has long been thought to be strictly the concern of the Air Force, the bulk of whose records has been open to public view for

nearly a decade, the recently released papers on U.F.O.'s indicate otherwise. The Departments of the Army, Navy, State and Defense, and the Defense Intelligence Agency, the National Security Agency, the Joint Chiefs of Staff, the F.B.I., the C.I.A. and even the Atomic Energy Commission produced U.F.O. records over the years. Many of these agencies still do, and many of their documents remain classified. But it is the C.I.A. that appears to have played the key role in the controversy, and may even be responsible for the Government's conduct in U.F.O. investigations throughout the years.

<https://www.nytimes.com/1979/10/14/archives/ufo-files-the-untold-story.html>  
(<http://archive.is/oQhuv>)

121

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22

Comments Section

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•

6y ago

Is this bs?

<https://m.youtube.com/watch?feature=youtu.be&v=Q7jcBGLIpus>

0

u/mr\_knowsital avatar

mr\_knowsital

•

6y ago

there's also an anecdote connected to the condon report, i dont remember the details, but gamow was involved at some point, at hearing of some especially juicy older sighting he melted down, yelling at the people present: "why wasn't i informed earlier?!?"

1

ast3rix23

•

6y ago

I really just want the whole truth at this point. I'm really tired of all the secrecy based on a false belief it protects our national security. Nothing could protect us if it has technological superiority over us and has had that knowledge for millions of years. Hysteria comes from not understanding the truth. If you share the information in a clear and concise way people will accept it and move forward. Besides what could you do other than accept the truth? Nothing would change other than a global enlightenment of understanding that we are not alone in the universe. The question which we all have been asking for thousands of years. Maybe at that point instead of the intense focus on money and tangible goods. We could re-focus on humanity and understanding our universe.

7

u/ABrandNewNameAppears avatar

ABrandNewNameAppears

•

6y ago

That's exactly what "they" would be afraid of though, isn't it? The revolution of mankind.

3

BigPervySage

•

6y ago

Religion.

The repercussions going public with such information will completely throw the world into chaos because of the sheep mentality that has been fostered in people through religion.

Our global flaw, if it is easier to understand, we shall believe\*.\*

Ignorance is bliss and in God we trust

1

u/Reiker0 avatar

Reiker0

•

6y ago

I don't buy religion being a major factor here. Religions have had to deal with scientific revelations shaking the foundations of their teachings all throughout history, from the heliocentric model to evolution and carbon dating the planet.

It's not like this is anything new for humans. For example, this painting from around 1350 depicts an explanation for these craft: they're floating carriages being driven by angels.

Not only was this painted hundreds of years before humans would invent cars or planes, you can find the same exact vehicles in even older hieroglyphics.

Really easy for religions to position themselves in an advantageous position here too:

Are the aliens hostile? They're demons sent by Satan! The end is coming, only Jesus can save you! The bible predicted this.

Are the aliens friendly? Well they're just the angels sent here by God to watch over mankind. The bible predicted this.

Less people are religious today because we understand our universe better than we ever have before. Replace that understanding with new uncertainty and it allows new space for religion to exist again.

So if anything, evidence of aliens might even push skeptics towards an acceptance of religion.

We also have no idea why they're here. What if we learn that? Maybe whatever is controlling these craft keeps a presence on our planet to lay claim over this territory and essentially protect us from another super hostile galactic species that would eliminate us if they weren't here.

Imagine that we learn this or something equally wild to be true. Even the craziest History TV numerology nuts never would have imagined that the world would just accept evidence of literal biblical angels watching over mankind. Lots of money to be made there.

3

5 more replies

u/kuhn2522 avatar

kuhn2522

•

6y ago

I disagree. I don't see any reason why aliens and God can't both exist. I certainly believe in both. I can't speak for Islam or Buddhism or other world religions, I just don't know enough about their beliefs, but as a Christian there is nothing in the Bible that discounts the possibility of aliens.

I think a common misconception by many atheists or agnostics is that Christians

can't or don't believe in aliens because that would fly in the face of our beliefs, for most of the Christians I've talked to they do not subscribe to this way of thinking. Of course, it's a large group and in any large group you'll always get a little bit of everything, including people who think the idea of aliens existing would be an affront to their religious beliefs.

2

1 more reply

chicompj

•

6y ago

Amazing post. Thank you. Example of a CIRVIS report from 1960

[http://www.project1947.com/47cats/Hatteras\\_CIRVIS\\_1960.jpg](http://www.project1947.com/47cats/Hatteras_CIRVIS_1960.jpg)

3

chicompj

•

6y ago

Btw there's also this: <https://www.fold3.com/image/7171104>

"CIRVIS (UFO)" listed as a decriptor on a Blue Book page.

2

u/naked\_supermodels avatar

naked\_supermodels

•

6y ago

These are so fun to read. There's even drawings. I liked this one:

"I always smiled when hearing or reading an account of a person who has sighted a UFO. I have thought of them as being slightly daft. However, upon personal encounter with an UFO, I have changed my mind. They do exist. I don't know why or for what reason, but I can't deny seeing it. It was simply there. I've never seen anything like it in my life."

3

u/MKULTRA\_Escapee avatar

MKULTRA\_Escapee

OP

•

6y ago

To go along with this post, which only focuses on the US, I also want to share a little bit of information regarding the study of UFOs in other countries.

France:

There have been thousands of UFO reports in France, of which about 400 remain unexplainable. <https://www.bbc.com/news/magazine-29755919>

France also released 1600 cases registered since 1954. See here:

<https://www.newscientist.com/article/dn11443-france-opens-up-its-ufo-files/>

See: GEIPAN (thus named since September 2005), formerly known as GEPAN (1977-1988) and SEPRA (1988-2004), is a unit of the French Space Agency CNES whose brief is to investigate unidentified aerospace phenomena (UAP) and make its findings available to the public.

Also see the unofficial French COMETA Report.

Here is Canada:

The talk and presentation mark Rutkowski's donation to University of Manitoba

Archives & Special Collections of his extensive personal collection and files on this case and other UFO sightings and related phenomena from across Canada. These include more than 20,000 separate UFO reports filed with various agencies since 1989 <https://news.umanitoba.ca/the-falcon-lake-ufo-files/>

Also see this:

<https://www.bac-lac.gc.ca/eng/discover/unusual/ufo/Pages/default.aspx>

Denmark:

COPENHAGEN, Denmark, Jan. 30 (UPI) -- The Danish Air Force has released 329 pages of previously classified archives on UFO sightings, including details on more than 200 unsolved cases. <https://archive.is/6bFAo>

New Zealand:

The New Zealand military have released hundreds of previously classified reports detailing claims of UFO sightings and alien encounters. <https://www.telegraph.co.uk/news/newstoppers/howaboutthat/ufo/8221227/New-Zealand-releases-UFO-files.html>

UK government:

Over the past 11 years, the MoD has declassified 60,000 pages exposing the secrets of a government investigation into unexplained sightings over the UK. <https://metro.co.uk/2019/06/04/ministry-defence-releases-final-x-files-containing-truth-britains-secret-ufo-investigations-9797436/>

Newly released UFO files from the UK government

<http://www.nationalarchives.gov.uk/ufos/>

Germany. Here is an interesting article:

"Germany has a high level of UFO sightings," Robert Fleischer, the coordinator for the German Initiative for Exopolitics, told Deutsche Welle.

He said that, since 1974, over 500 so-called "real" UFO cases - reported sightings that, after careful consideration by specialized experts, cannot be related to any conventional information - have been recorded.

"However, there has never been any official recognition by the German government relating to UFOs or UFO activity," Fleischer added. "So if the Germans were to open any files relating to UFOs, all we would find out is that they pass all their information to the Americans." <https://www.dw.com/en/despite-partial-disclosure-europes-ufo-files-remain-mostly-under-wraps/a-4783950>

The Belgian government was also pretty open about UFOs, at least regarding their massive 1989-1990 triangle UFO wave. A lot can be found online about this. Here is Belgian Air Force General Wilfried De Brouwer discussing the case: [https://www.youtube.com/watch?v=tdEALPvL\\_4Q&feature=youtu.be](https://www.youtube.com/watch?v=tdEALPvL_4Q&feature=youtu.be)

More on the Belgian sightings and the politics of studying UFOs in Europe: <https://www.politico.eu/article/scepticism-set-to-scupper-any-chance-of-union-led-ufo-research/>

2

u/zoziw avatar

zoziw

•

6y ago

I agree about AATIP being a smaller side program. It looks to me like Harry Reid did a major supporter, Bob Bigelow, a solid. It was an act of Congress pushed onto the military and not an organic military program to get to the bottom of things.

7

InspectorPraline

•

6y ago

I get the impression AATIP was a programme for people not already in the loop and kind of superfluous to the investigation. That would explain why Luiz felt they weren't taking it seriously.

I think really there are three possibilities:

The US military is comically naive about these things and has it's head in the sand, and genuinely isn't spending much time investigating them

They are investigating them, but don't know a lot about them as they can't get more than a glimpse of them

They are investigating them, they know exactly what they are, but they aren't ready to reveal it to the public yet

2

[deleted]

•

6y ago

Thanks

1

AntiSocialBlogger

•

6y ago

There is a shadow government. Most likely very few people in the government know of it's existence.

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[deleted]

•

6y ago

Nice work

11

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5mo ago

UFO whistleblower reveals the FOUR types of aliens the US government knows about

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8mo ago

Shocking UFO materials hidden in the presidential library claim that the U.S. made successful contact with an alien race more than 60 years ago

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ua-stena

324 upvotes · 62 comments

A trove of UFO material has come up for auction and it features some interesting photos, many of which I've never come across before. These photos have been published by the auctioneer so I am sharing them here for research purposes.

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20

2.6K upvotes · 287 comments

The Secretary of Defence of the sitting US government disclosed UFOs are real, this IS disclosure.

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1mo ago

The Secretary of Defence of the sitting US government disclosed UFOs are real, this IS disclosure.

1.4K upvotes · 549 comments

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20

1.9K upvotes · 202 comments

Why didn't the UFOs seen in the past look like the UFOs we see today?

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r/ufo

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18d ago

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A massive UFO collection is going up for auction this month – including an unproduced Bob Lazar screenplay, a banned 1947 Roswell yearbook (the "holy grail of ufology"), and 150 original UFO photos from Lt. Col. Wendelle Stevens' private archive, most never seen by the public.

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Air Force UFO Rules Vanish After Huffington Post Inquiry

Air Force UFO Rules Vanish After Huffington Post Inquiry

Lee Spiegel

By

Lee Spiegel

Oct 19, 2011, 04:48 PM EDT

|Updated Dec 6, 2017

The military deleted a passage about unidentified flying objects from a 2008 Air Force personnel manual just days after The Huffington Post asked Pentagon officials about the purpose of the UFO section.

Before the recent revisions, the document -- Air Force Instruction 10-206 -- advised pilots, radar operators and other Air Force personnel on what to do when they encountered any unknown airborne objects. Now in the 2011 version, the reference to UFOs -- which simply means "unidentified flying objects," not necessarily spaceships with little green men -- has been eliminated.

What makes this so intriguing is that the U.S. government officially stopped investigating UFOs in 1969 with the termination of the Air Force's Project Blue Book.

HERE'S THE 2008 VERSION OF AFI 10-206 THAT REFERENCED UFOS ON P. 37:

Credit: John Greenewald, Jr. -- TheBlackVault.com

The 22-year study, led by high-level military officials and academic experts, ruled that UFOs weren't extraterrestrial visitors, nor were they technologically advanced aircraft, nor were they a threat to national security.

With that, the military essentially shut the book on flying saucer research, concluding that "nothing has occurred that would support a resumption of UFO investigation by the Air Force."

"The reason why the military is claiming they don't investigate UFOs is because they don't want to respond to people like you," former Air Force Captain Robert Salas told The Huffington Post.

"They don't want to respond to reporters or to the public as to what the heck is

going on, and it's been going on for so long. They just don't want to have to answer that question."

Yet more than 40 years after the close of Project Blue Book, there were still written orders on what Air Force personnel should do in the event they spotted a flying vehicle that couldn't be identified.

As recently as early September, Air Force members who came across anything they didn't recognize were told to note "altitude, direction of travel, speed, description of flight path and maneuvers, what first called attention to the object, how long was the object visible and how did the object disappear?"

Eyes in the sky and on the ground were commanded to treat a UFO as they would if they had seen a missile, hostile aircraft or unidentified submarine.

All details were required to be included in a report to NORAD (North American Aerospace Defense Command), which protects the airspace over the U.S. and Canada.

On Sept. 2, The Huffington Post made inquiries to the Air Force about the UFO directives. A spokesman said he'd arrange an interview with an appropriate officer. But before the interview was set up, the 111-page instruction manual was revised on Sept. 6, and the UFO instructions were deleted, as were other portions of the document, now shortened to 40 pages.

HERE'S THE UPDATED 2011 AFI 10-206 MANUAL WITH UFOs DELETED:

Credit: U.S. Air Force

For several weeks, military officials failed to respond to HuffPost inquiries about the rewritten manual, which included changes to areas unrelated to UFOs.

Finally, on Oct. 5, after several follow-up calls, an Air Force major emailed a response, informing HuffPost that UFO reporting is not a duty of the armed forces branch. He denied any cover-up, and instead said it was a coincidence that the document was updated after this news organization asked for an explanation.

"UFO reporting is a NORAD requirement, but not a requirement for Air Force operational reports," Air Force Maj. Chad Steffey told The Huffington Post in the e-mail.

"All Air Force Instructions are reviewed/revised on a regular basis (about every two to three years). For this revision, we merely deleted a procedure that did not apply to this AFI.

"For any other questions about requirements for UFO reporting, I'll have to refer you to NORAD," Steffey wrote.

Unlike the Air Force, officials at NORAD acknowledge that looking into UFOs is part of their job description.

Of course, most UFOs are eventually explained as something far less extraordinary than little green -- or grey -- men.

"When I talk about UFOs, it is literally an unidentified flying object, not an extraterrestrial," said John Cornelio, chief of media relations at NORAD headquarters at Peterson Air Force Base, Colo. "There is a blip on the radar, and we don't know what it is. And we're responsible for identifying what that object is. We know it's an aircraft of some sort, but we don't know who it is, and so have to go up and identify it."

But here's the big question: Did the Air Force really stop investigating UFOs in 1969 as they have repeatedly claimed throughout the ensuing decades?

"Absolutely not! They have continued to look into UFO cases," said Salas, co-author of "Faded Giant." "In fact, there are NORAD records from 1975 of UFO sightings -- and this was not any general aviation aircraft -- objects seen over missile sites and other bases.

"They scrambled jets to intercept these UFOs, which clearly operated at speeds that the jets couldn't keep up with, and they were sighted by a lot of people," Salas told HuffPost.

THIS DOCUMENT DETAILS A 1975 NORAD INCIDENT WHERE JETS COULDN'T CATCH UFOs:

Credit: John Greenewald, Jr. -- TheBlackVault.com

Salas is just one of many former military officers who have come forward in recent years to disclose their involvement with a variety of UFO incidents that occurred over several U.S. nuclear weapons sites, sightings that had been kept secret for decades.

"As a matter of fact, there was that incident in Wyoming last year where 50 ICBM missiles went down and the base commanders instructed the troops not to talk to anybody about this UFO that was seen over the base," said Salas.

It was a scenario too familiar to Salas, who in 1967 was monitoring a launch control center at Malmstrom Air Force Base in Montana. When UFOs appeared over the base, Salas recalled, "all of a sudden, we started getting bells and whistles going off. As we looked at the display board in front of us, sure enough, the missiles began going into an unlaunchable, or no-go, mode. They couldn't be launched."

In the aftermath of that event, Salas was debriefed by the Air Force Office of Special Investigations, or AFOSI.

"After we told them our recollection of the incident, the AFOSI captain wanted us to sign papers, saying we'd never talk about this and swear we wouldn't even talk to our wives or any of the airmen on the base -- nobody!"

HuffPost News first received the 2008 Air Force procedure document from John Greenewald, creator of The Black Vault, the largest private online archive -- at 600,000 downloadable pages -- of declassified documents on UFOs, government secrets, conspiracies, biological nuclear weapons and terrorist activities.

CHECK OUT JOHN GREENEWALD HERE:

"When I first obtained AFI 10-206 in 2006, UFOs were in it, and were the same procedures as outlined in a previous Army-Navy-Air Force publication called JANAP-146, that was a joint U.S.-Canadian manual for reporting UFOs, that came after 1969," Greenewald, author of "Beyond UFO Secrecy," told HuffPost.

"They've had many opportunities to take [the UFO reference] off of this publication and now look at what happens," said Greenewald. "All of a sudden, when a major news outlet like Huffington Post starts asking questions about why UFOs are still on the books -- to have that media outlet not get a fast response, number one; and number two, the military completely re-writes the regulation, changes it and UFOs are nowhere to be found -- that's a fascinating coincidence."

Using the Freedom of Information Act, Greenewald's 15-year crusade to pry government documents loose has yielded UFO reports from many government agencies, like the CIA, Defense Intelligence Agency, Department of Defense and the National Security Agency, documents that detail UFO accounts beyond 1969 and into more recent times.

"You can find UFO documents that stretch all the way into 2008 on the shelves of

quite a few agencies," Greenwald pointed out. "The CIA and National Security Agency collected quite a bit of material after 1969. The UFO topic is of great importance that never went away."

At NORAD, Cornelio explains that they can't investigate every single UFO report that comes along.

"We have our specific role that we're responsible for, and that is to monitor threats to our nation," he said. "But at the end of the day, it's not our job to identify every unidentified object that's out there. I'm aware of the process by which the command center handles these things, and I don't believe it's something that's releasable."

Salas doesn't completely agree with Cornelio about the overall urgency that some UFO reports pose.

"Are you telling me they don't care about UFOs in general, whether they're from another planet or not? They do care; they care about anything in our air space," said Salas. "They can't just say, 'No, we don't investigate UFOs.' They can't make a blanket statement like that because that's their duty, their responsibility, to investigate UFOs."

"To me, they're talking out of both sides of their mouth."

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Form: 97 BB Document

Dated: 4 March 2006, updated 19 April 2016

From: Fran Ridge

Subject: The Bolender Draft (Not Memo), Oct 20, 1969

Distribution: nicapresearch, SHG, NCP

Our thanks to Barry Greenwood for the clean version of this draft. Our thanks also to Gildas Bourdais for the first copy of the 3-page document. That reproduction was poor but readable and was a copy made from FUFOR's "U.S. Government Documents" package. The text version presented below was provided by Brad Sparks. Robert Todd obtained the release of the Bolender document in Jan 1979. The implications from this memo, issued just before the shutdown of Project Blue Book, is clear, and is found on page 2: "reports of unidentified flying objects which could affect national security are made in accordance with JANAP 146 or Air Force Manual 55-11, and are not part of the Blue Book system." Although this comment has been made before in BB memos going back to 1958-9, this is the document often cited.

The Bolender Memo (document not memo) states that "in 1966 the Air Force Office of Scientific Research contracted to have the University of Colorado conduct an independent scientific investigation of unidentified flying objects. This study, directed by Dr. Edward U. Condon and made available as the "Scientific Study of Unidentified Flying Objects," serves as a basis for evaluating the Air Force investigative effort. After an extensive study of this report as well as the review of the report by a panel of the National Academy of Sciences, past

studies, Project Blue Book operations and other inputs, the Office of Aerospace Research concluded, and we agree, that the continuation of Project Blue Book cannot be justified, either on the ground of national security or in the interest of science." The flawed study was fully exposed in a May 14, 1968, LOOK Magazine article, Flying Saucer Fiasco, by John G. Fuller.

(Brad Sparks: There were 16 Attachments to the Bolender Memo and Bob Todd spent years trying to get the AF to find and release them, but the AF totally stonewalled him. Several of the 16 Attachments are already known separately and have been released long before, but several are unknown and not released, several more are not described well enough to identify.)

#### The Bolender Draft

|   | OFFICE | ACTION  | SIGNATURE (Surname and Grade) |     |
|---|--------|---------|-------------------------------|-----|
| 1 | AFRDDG | ? Draft | ? Espey                       | ?   |
| 2 | AFRDC  | Appr    | Bolender                      | [?] |
| 3 | SAFOI  | Coord   | Hogan                         |     |
| 4 | SAFLL  | Coord   | Graves                        | [?] |
| 5 | AFCCS  | Appr    | [illegible]                   |     |

| SURNAME OF ACTION OFFICER AND GRADE | SYMBOL | PHONE | TYPIST'S INIT. | SUSPENSE DATE |
|-------------------------------------|--------|-------|----------------|---------------|
| Major Espey                         | AFRDDG | 52181 | vc             |               |

#### SUBJECT

#### DATE

Unidentified Flying Objects (UFO)

20 OCT 1969

#### SUMMARY

1. For more than twenty years the Air Force has had the responsibility within the Department of Defense for the investigation of unidentified flying objects (UFOs) (Atch 2). As stated in Project Blue Book, this investigative program has two objectives:

a. To determine whether UFOs pose a threat to the security of the United States: and

b. To determine whether UFOs exhibit any unique scientific information or advanced technology which could contribute to scientific or technical research (Atch 3).

Procedures for Project Blue Book reporting are defined in Air Force Regulation 80-17. This regulation requires the Commander of an Air Force base to provide a UFO investigative capability and for Air Force Systems Command to continue Project Blue Book (Atch 4). In response to this regulation most Commanders have appointed a UFO investigating officer, usually as an additional duty. Project Blue Book has two officers, one NCO and one civilian assigned on a full-time basis. In addition, Dr. A. J. Hynek served as a scientific consultant until 1 July 1969.

2. In 1966 the Air Force Office of Scientific Research contracted to have the University of Colorado conduct an independent scientific investigation of unidentified flying objects. This study, directed by Dr. Edward U. Condon and made available as the "Scientific Study of Unidentified Flying Objects," serves as a basis for evaluating the Air Force investigative effort (Atch 5). After an extensive study of this report as well as the review of the report by a panel of the National Academy of Sciences, past studies, Project Blue Book operations and other inputs, the Office of Aerospace Research concluded, and we agree, that the continuation of Project Blue Book cannot be justified, either on the ground of national security or in the interest of science (Atch 6).

3. The general conclusion of the Scientific Study of Unidentified Flying Objects is that "nothing has come from the study of UFOs in the past 21 years that has added to scientific knowledge." As to what the federal government should do with the UFO reports it receives from the general public, the authors add that they are "inclined to think that nothing should be done with them in the expectation that they are going to contribute to the advance of science." A panel of the National Academy of Sciences concurred in these views, and the Air Force has found no reason to question this

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Subject: 1969 BOLENDER MEMO PG. 2

conclusion. For example, it has been the Air Force experience that although a significant portion of the Air Force's environmental research program is concerned with natural phenomena that could be associated with unidentified flying objects (Atch 7), Project Blue Book reports have not added any useful data to these research efforts (Atch 6). Thus, we concur with the University of Colorado recommendation "that only so much attention to the subject should be given as the Department of Defense deems to be necessary strictly from a defense point of view."

4. As early as 1953, the Robertson Panel concluded "that the evidence presented on Unidentified Flying Objects shows no indication that these phenomena constitute a direct physical threat to national security" (Atch 9). In spite of this finding, the Air Force continued to maintain a special reporting system. There is still, however, no evidence that Project Blue Book reports have served any intelligence function (Atch 8). Moreover, reports of unidentified flying objects which could affect national security are made in accordance with JANAP 146 or Air Force Manual 55-11, and are not part of the Blue Book system (Atch 10). The Air Force experience therefore confirms the impression of the University of Colorado researchers "that the defense function could be performed within the framework established for intelligence and surveillance operations without the continuance of a special unit such as Project Blue Book."

5. The conclusion which follows is that Project Blue Book does not merit future expenditures of resources. Accordingly, we recommend that it be terminated and that the actions which follow from this decision, such as cancelling Air Force Regulation 80-17 and not renewing the consultant contract, be initiated. Termination of Project Blue Book would have no adverse effect on Air Force operations or research programs. It would free manpower for useful purposes, eliminate the need for a scientific consultant and relieve base commanders of a minor responsibility and an administrative burden.

6. Termination of Project Blue Book would leave no official federal office to receive reports of UFOs. However, as already stated, reports of UFOs which could affect national security would continue to be handled through the standard Air Force procedures designed for this purpose. Presumably, local police departments respond to reports which fall within their responsibilities. Similarly, as to scientific research, the Colorado researchers conclude that, although they do not see "any fruitful lines of advance from the study of UFO reports, we believe that any scientist with adequate training and credentials who does come up with a clearly defined, specific proposal for study should be supported." We see no reason why the normal channels and criteria for the funding of scientific research should not be adequate for UFO-related research.

7. Some feel that a central reporting center should be established, and a

proposal has been made to establish a Rare Atmospheric Phenomena Reporting Center (Atch 11 and 12). Because the problem affects a number of agencies, this center might be under the auspices of the Federal Council on Science and Technology. However, in the light of the University of Colorado recommendation

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Subject: 1969 BOLENDER MEMO PG. 3

that the federal government should not set up a major new agency for the scientific study of UFOs, we do not favor this suggestion and feel that UFO reports should be left to normal scientific and defense channels. If such a center is established, it should not perform an investigative function and should be initiated only on a trial basis for a specified lifetime.

8. Project Blue Book has accumulated records on over 13,000 sighting cases. During his study, Dr. Condon expressed concern about the possible loss of these records and their relative inaccessibility at Wright-Patterson Air Force Base. He was assured by Secretary Brown that we would look into the feasibility and desirability of relocating the files in the Washington area and that no action would be taken until the Colorado report was released (Atch 13). If Project Blue Book is terminated, the records should be transferred to an appropriate archive and preserved for historical value and to prevent charges that the Air Force is concealing facts.

9. To receive the candor and cooperation essential to the successful investigation of UFOs, the Air Force adopted a practice of confidentiality; witnesses were assured that their names would not be used without their permission (Atch 14). Therefore, access to these records and the publications [illegible] access must be carefully reviewed and controlled. SAFOI feels that an Air Force controlled archive away from the Washington, D.C. area is the most appropriate storage facility. Considering the existence of local, privately sponsored UFO investigative organizations, the ready availability of these records in the Washington area would result in an inordinate workload in clearing investigators, providing documentation, and reviewing and clearing manuscripts. Therefore, the Air University was queried about the possibility of storing these documents at the Air Force Archives (Atch 15). Air Force Air University will accept these records providing:

a. SAFOI will answer all requests about Blue Book, and not require AU research to answer such queries.

b. SAFOI will rigidly limit the right of access to recognized, legitimate researchers, and

c. SAFOI will screen researcher's notes to insure that "confidentiality" is maintained (Atch 16).

10. Project Blue Book should be terminated, and Blue Book records should be transferred to the USAF Archives at Air University. The attached memorandum would initiate these actions.

#### RECOMMENDATION

11. That the memorandum be signed.

C. H. BOLENDER, Brig Gen, USAF  
Deputy Director of Development  
DCS/Research & Development

16 Atch  
(Listed on Separate Page)

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JANAP 146(C) COMMUNICATION INSTRUCTIONS FOR REPORTING VITAL INTELLIGENCE  
SIGHTINGS FROM AIRBORNE AND WATERBORNE SOURCES - 10 MARCH 1954.

JANAP 146(C)  
THE JOINT CHIEFS OF STAFF  
JOINT COMMUNICATIONS-ELECTRONICS COMMITTEE  
WASHINGTON, D. C.

10 MARCH 1954

#### LETTER OF PROMULGATION

1. JANAP 146(C) COMMUNICATION INSTRUCTIONS FOR REPORTING VITAL INTELLIGENCE  
SIGHTINGS FROM AIRBORNE AND WATERBORNE SOURCES, is an unclassified publication.

2. JANAP 146(C) COMMUNICATION INSTRUCTIONS FOR REPORTING VITAL INTELLIGENCE  
SIGHTINGS FROM AIRBORNE AND WATERBORNE SOURCES, is effective upon receipt and  
supersedes JANAP 146 (B), COMMUNICATION INSTRUCTIONS FOR REPORTING VITAL  
INTELLIGENCE SIGHTINGS FROM AIRCRAFT (CIRVIS) and all other conflicting  
instructions. JANAP 146(B) shall be destroyed by burning. No report of  
destruction is required.

#### CHAPTER II

#### CIRVIS REPORTS

#### SECTION I - GENERAL

#### 201. INFORMATION TO BE REPORTED AND WHEN TO REPORT

a. Sightings within the scope of this chapter, as outlined in Article  
102b(1), (2), and (3), are to be reported as follows:

(1) While airborne (except over foreign territory - See Article 212).

(a) Single aircraft or formations of aircraft which appear to be  
directed against the United  
States, its territories or possessions.

(b) Missiles.

(c) Unidentified flying objects.

(d) Submarines.

(e) A group or groups of military surface vessels.

(2) Upon Landing.

(a) Individual surface vessels, submarines, or aircraft of unconventional design, or engaged in suspicious activity or observed in an unusual location or following an unusual course.

(b) Confirmation reports.

## 202. SIGHTINGS NOT TO BE REPORTED

Reports are not desired concerning surface craft or aircraft in normal passage, or known U.S. military or government vessels and aircraft.

JANAP 146(C)

## CHAPTER III

### MERINT REPORTS

#### SECTION I - GENERAL

## 301. INFORMATION TO BE REPORTED AND WHEN TO REPORT

a. Sightings within the scope of this chapter (as outlined in Article 102b., (4), (5), (6), (7) are to be reported as follows:

(1) Immediately (except when within territorial waters of other nations as prescribed by international law)

a) Guided Missiles

b) Unidentified flying objects

c) Submarines

d) Group or groups of military vessels

e) Formation of aircraft (which appear to be directed against the United States, its territories or possessions).

f) Individual surface vessels, submarines, or aircraft of unconventional design, or engaged in suspicious activity or observed in an unusual location or following an unusual course.

(2) When situation changes sufficiently to warrant an amplifying report (see Art. 409).

#### SECTION III - SECURITY

## 308. MILITARY AND CIVILIAN

a. All persons aware of the contents or existence of a MERINT Report are governed by the Communications Act of 1934 and amendments Thereto, and Espionage Laws. MERINT reports contain information affecting the National Defense of the United States within the meaning of the Espionage Laws, 18 U.S. Code, 793 and 794. The unauthorized transmission Or revelation of the contents of MERINT reports in any manner is prohibited.

b. Military commands and activities in making local distribution Of

MERINT reports and in subsequent communications regarding the contents of any MERINT report shall handle such communications in accordance with current security regulations.

#### 402. EXAMPLES BY TYPE

The following are examples of the types of "MERINT" reports. Specific application of Military or commercial procedure has been avoided since the means of transmission would determine the procedure to be used. Of primary importance is the expeditious handling and accuracy of the reports.

##### a. "MERINT" REPORT

(1) A radiotelegraph transmission:

RAPID US GOVT

TO

COMEASTSEAFRON 90 CHURCH ST. NEW YORK

MERINT 5126 N 14230W 3 UNIDENTIFIED FLYING OBJECTS  
HEADED NW AT 17000 FEET CIGAR SHAPE 50 FEET TO SW AT  
2 MILES VERIFIED BY NAVIGATOR VISIBILITY UNLIMITED  
211513Z JONES NKLN

=====

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AIR FORCE MANUAL 55-11 (AFM 55-11)  
OPERATIONS - AIR FORCE OPERATIONAL REPORTING SYSTEM  
20 MAY 1968

Part 1 of 3

[View Image of Manual Cover](#)

AIR FORCE MANUAL  
NO 55-11

AFM 55-11

DEPARTMENT OF THE AIR FORCE  
WASHINGTON, 20 MAY 1968

EFFECTIVE 1 JULY 1968

OPERATIONS

AIR FORCE OPERATIONAL REPORTING SYSTEM

THIS MANUAL ESTABLISHES THE REQUIREMENT FOR AIR FORCE COMMAND POSTS/CENTERS AND THE AIR FORCE OPERATIONAL REPORTING SYSTEM (AFOREP) TO PROVIDE OPERATIONAL INFORMATION REQUIRED BY HQ USAF, ALTERNATE HEADQUARTERS LOCATIONS AND INTERMEDIATE COMMAND LEVELS TO PERFORM ASSIGNED FUNCTIONS. IT ESTABLISHES STANDARD REPORTING PROCEDURES AND FORMATS TO THE MAXIMUM EXTENT POSSIBLE<sup>1</sup> WHILE ACHIEVING MAXIMUM INTER-FACING AND COMPATIBILITY WITH OTHER OPERATIONAL REPORTING REQUIREMENTS AND REPORT FORMATS. IT IS APPLICABLE TO ALL AIR FORCE MAJOR COMMANDS AND AIR FORCE SEPARATE OPERATING AGENCIES. THE APPLICABILITY OF

EACH REPORT IS INDICATED IN EACH CHAPTER. IT ALSO APPLIES TO AIR FORCE RESERVE.

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THIS MANUAL SUPERSEDES VOLUME I, AFM 55-11, 18 NOVEMBER 1965; VOLUME II, AFM 55-11: 15 FEBRUARY 1966; AFR 55-30, 1 NOVEMBER 1966) AND AFR 55-88, 13 MAY 1966.  
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THE RELAXED FORMAT USED IN THIS MANUAL IS PRODUCED UNDER AN AUTHORIZED WAIVER TO AFR 5-5.

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## CHAPTER 1

### INTRODUCTION

1. BACKGROUND. COMMAND AND CONTROL, AS A FUNCTION VITAL TO THE SUCCESS OF THE MILITARY MISSION, IS FACILITATED BY A SERIES OF INDIVIDUAL COMMAND AND CONTROL SYSTEMS WHICH, COLLECTIVELY, ARE KNOWN AS THE WORLD WIDE MILITARY COMMAND AND CONTROL SYSTEM (WWMCCS). THE WWMCCS FOCUSES AT THE NATIONAL MILITARY COMMAND CENTER (NMCC) IN THE NATIONAL MILITARY COMMAND SYSTEM (NMCS). INDIVIDUAL COMMAND AND CONTROL SYSTEMS RESPONSIVE THROUGH COMMAND CHANNELS AND FOCUSING IN THE NMCS, INCLUDE SYSTEMS OF THE MILITARY DEPARTMENTS, THE UNIFIED AND SPECIFIED COMMANDS AND AIR FORCE SUBORDINATE COMMANDS. THE DEPARTMENT OF THE AIR FORCE COMMAND AND CONTROL SYSTEM (DAFCCS) IS RESPONSIVE TO THE NMCS. WITHIN THE AIR FORCE, MAJOR COMMAND SYSTEMS ARE RESPONSIVE TO THE DAFCCS AND SYSTEMS OF SPECIFIED AND UNIFIED COMMANDS ARE RESPONSIVE TO BOTH THE DAFCCS AND THE NMCS. A NUMBER OF COMPUTER SUPPORTED SUBSYSTEMS ARE ORGANIZED AND STANDARDIZED WITHIN THE DAFCCS AND ARE IDENTIFIED AS THE AIR FORCE INTEGRATED COMMAND AND CONTROL SYSTEM (AFICCS). THESE ARE DESCRIBED IN AFM 55-3. EACH OF THE INDIVIDUAL SYSTEMS AND SUBSYSTEMS OF THE WWMCCS, NMCS, DAFCCS AND AFICCS CONSIST OF PERSONNEL, FACILITIES, EQUIPMENT, COMMUNICATIONS AND PROCEDURES THAT PROVIDE OPERATIONAL

CONTROL AND TECHNICAL/ADMINISTRATIVE SUPPORT NECESSARY TO THE PERFORMANCE OF THE COMMAND AND CONTROL FUNCTIONS OF THE UNITED STATES MILITARY FORCES.

2. PURPOSE AND FUNCTIONS OF THE SYSTEM. THE AIR FORCE OPERATIONAL REPORTING SYSTEM (AFOREP) IS ESSENTIAL TO THE DAFCCS AND AFICCS TO PROVIDE HEADQUARTERS UNITED STATES AIR FORCE (USAF) AND OTHER AIR FORCE AGENCIES WITH CURRENT AND ACCURATE OPERATIONAL INFORMATION TO MEET RESPONSIBILITIES ASSOCIATED WITH PLANNING, STATE OF READINESS, EMPLOYMENT AND DIRECTION OF AEROSPACE FORCES. OPERATIONAL INFORMATION IS REQUIRED FOR NORMAL, EMERGENCY OR BATTLE STAFFS DURING PEACETIME, PERIODS OF ACCELERATED/EMERGENCY OPERATIONS, PERIODS OF HOSTILITIES AND DURING RECOVERY AND RECONSTITUTION OPERATIONS. THE AFOREP IS DESIGNED TO ACCOMPLISH THESE FUNCTIONS AND TO SUPPORT THE REPORTING SYSTEMS ESTABLISHED BY THE JOINT CHIEFS OF STAFF (JCS) IN THE WWMCCS.

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3. RELATIONSHIP TO OTHER REPORTING SYSTEMS. COORDINATION OF OPERATIONAL REPORTING REQUIREMENTS IS ESSENTIAL TO PROMOTE REPORTING EFFICIENCIES AND PREVENT REDUNDANT, DUPLICATIVE REPORTS. THE JCS, SERVICES, SPECIFIED AND UNIFIED COMMANDS AND MAJOR COMMANDS HAVE ESTABLISHED OPERATIONAL REPORTING SYSTEMS. EACH REPORTING SYSTEM IS INTENDED TO GATHER OPERATIONAL INFORMATION REQUIRED FOR COMMAND, CONTROL AND MANAGEMENT PURPOSES. THE AFOREP IS DESIGNED TO PERMIT MAXIMUM INTERFACING WITH THE JCS OPERATIONAL REPORTING SYSTEM (JOPREP). WHEN SUBMISSION OF A JCS REQUIRED REPORT WILL MEET AFOREP REQUIREMENTS FOR INFORMATION, THIS MANUAL PERMITS AND ENCOURAGES ADDRESSING OF THE JOPREP REPORT TO CSAF IN LIEU OF SUBMISSION OF A SEPARATE COMPARABLE USAF REPORT (SUCH SUBSTITUTIONS ARE INDIVIDUALLY IDENTIFIED IN THIS MANUAL.) SIMILAR UTILIZATION OF AFOREP REPORTS BY MAJOR COMMANDS FOR INTERNAL USE AND FOR INTERCOMMAND EXCHANGE OF OPERATIONAL DATA IS STRONGLY ENCOURAGED TO ACHIEVE ALL REPORTING OBJECTIVES.

4. REPORTING OBJECTIVES. OBJECTIVES OF THE AFOREP ARE-

A. PROVIDE HEADQUARTERS USAF AND ALTERNATE HEADQUARTERS WITH THE ESSENTIAL OPERATIONAL INFORMATION NECESSARY FOR FULFILLMENT OF THE USAF MISSION AND FUNCTIONS.

B. PROVIDE MAXIMUM RESPONSIVENESS AND INTERFACING WITH OTHER OPERATIONAL REPORTING SYSTEMS.

C. PROVIDE STANDARD REPORT FORMATS, CONTENTS AND PROCEDURES WITHIN THE USAF.

D. IN ALL INSTANCES, PROVIDE INFORMATION AT THE TIME AND PLACE REQUIRED.

5. RECOMMENDATIONS AND CHANGES. THIS MANUAL IS SUBJECT TO CONTINUOUS REVIEW AND UPDATING. RECOMMENDED CHANGES ARE SOLICITED AND SHOULD BE FORWARDED TO THIS HEADQUARTERS, AFXOXSD.

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CHAPTER 2

FUNCTIONS AND RESPONSIBILITIES

1. ESTABLISHMENT OF COMMAND POSTS. WITHIN THE DAFCCS AND AFICCS A SERIES OF COMMAND POSTS WILL BE ESTABLISHED AND MAINTAINED TO PROVIDE COMMAND AND CONTROL OF AEROSPACE FORCES. EACH MAJOR COMMANDER WILL ESTABLISH AND OPERATE A COMMAND HEADQUARTERS COMMAND POST WITH ADEQUATE MANNING, EQUIPMENT AND TRAINING CONSISTENT WITH THE MISSION AND REQUIREMENTS OF HIS COMMAND. EACH COMMAND LEVEL SUBORDINATE TO THE MAJOR COMMAND WILL ESTABLISH AND OPERATE A COMMAND POST AS REQUIRED AND DIRECTED BY THE MAJOR COMMAND. IN THIS MANNER A CHAIN OF COMMAND POSTS WILL BE PROVIDED FROM WING/BASE LEVEL UPWARD THROUGHOUT THE USAF. ADDITIONALLY, COMMAND POST ELEMENTS WILL BE PROVIDED FOR TASK/STRIKE FORCES AND SEPARATE SQUADRONS DEPLOYED/OPERATING REMOTELY/INDEPENDENTLY. ON MULTIPLE WING/UNIT BASES COMMAND POST REQUIREMENTS MAY BE CONSOLIDATED INTO A SINGLE FACILITY SERVING SEVERAL UNITS, WHEN PERMITTED BY MISSION CONSIDERATIONS AND APPROVED BY THE MAJOR AIR COMMAND/COMMANDERS CONCERNED.

2. ESTABLISHMENT OF OPERATIONAL REPORT CENTERS. AN OPERATIONAL REPORT CENTER WILL BE ESTABLISHED WITHIN EACH COMMAND POST AND SEPARATE COMMAND POST ELEMENT. THE REPORT CENTER WILL BE PHYSICALLY WITHIN OR CONTIGUOUS TO THE COMMAND POST AND BE AN ORGANIZATIONAL AND FUNCTIONAL PART OF THE COMMAND POST.

3. MISSION AND FUNCTIONS OF COMMAND POSTS. THE COMMAND POST MISSION IS TO PROVIDE FACILITIES AND FUNCTIONS THROUGH WHICH COMMAND AND CONTROL ACTIONS ARE TAKEN.

A. THE COMMAND POST ACTS AS AN EXECUTIVE AGENT FOR THE COMMANDER TO ENABLE-

(1) EXECUTION AND CONTROL OF AEROSPACE FORCES IN ACCORDANCE WITH ESTABLISHED PLANS AND PROCEDURES.

(2) COMMAND AND CONTROL OF FORCES DURING BOTH NORMAL AND EMERGENCY OPERATIONS. THE COMMAND POST IS THE NERVE CENTER OF EACH COMMAND AND IS THE PLACE WHERE VITAL OPERATIONAL INFORMATION IS CENTERED AND AVAILABLE FOR DECISIONS AND TO ENABLE TIMELY ACTIONS AND RESPONSES.

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B. SPECIFIC COMMAND POST FUNCTIONS ARE

(1) MAINTAIN READINESS TO ACCOMPLISH AIR FORCE ACTIONS IN NATIONAL EMERGENCIES.

(2) OPERATE COMMAND POST COMMUNICATIONS SECURITY AND AUTHENTICATION SYSTEMS.

(3) RECEIVE AND DISSEMINATE COMMAND INSTRUCTIONS.

(4) SUPPORT THE CAFCCS AND THE AFICCS.

(5) SUPERVISE THE COMMAND OPERATIONAL REPORTING SYSTEM.

(6) PUBLISH OPERATING MANUALS AND INSTRUCTIONS COVERING COMMAND POST OPERATIONS.

(7) ESTABLISH AND OPERATE THE OPERATIONAL REPORTS CENTER IN ACCORDANCE WITH THIS MANUAL.

(8) PROVIDE AND CONDUCT TRAINING FOR COMMAND POST AND REPORTS CENTER PERSONNEL TO ENSURE A HIGH DEGREE OF KNOWLEDGE AND PROFICIENCY.

(9) DEVELOP PLANS AND PROCEDURES FOR DEPLOYMENT OF COMMAND AND CONTROL

AND OPERATIONAL REPORTS ELEMENT PERSONNEL, EQUIPMENT AND SUPPLIES WHEN REQUIRED BY CURRENT MISSION AND PLANS.

C. SPECIFIC FUNCTIONS OF THE OPERATIONAL REPORTS CENTER ARE -

(1) CONTROL DISPATCH AND RECEIPT OF ALL OPERATIONAL REPORTS. ALL OPERATIONAL MESSAGES/REPORTS DESTINED FOR A COMMAND POST SHOULD BE IDENTIFIED BY THE FLAGWORD 'JOPREP JIFFY'. CONTROLLERS ON DUTY IN THE COMMAND POST NORMALLY WILL BE THE RELEASING OFFICIAL. WHEN THE BATTLE STAFF IS ASSEMBLED<sup>1</sup> IT MAY DESIRABLE TO HAVE THE TEAM CHIEF CONTROL THE RELEASE OF MESSAGES AND REPORTS RELATED TO THE MISSION OR EXERCISE IN PROGRESS. INCOMING JOPREP JIFFY MESSAGES WILL BE ROUTED DIRECT TO THE COMMAND POST FOR ACTION AND FURTHER DISPOSITION.

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(2) ESTABLISH PROCEDURES AND ASSIGN TASKS NECESSARY TO COLLECT, PROCESS AND DISSEMINATE OPERATIONAL REPORT DATA. FUNCTIONS CONCERNING OPERATIONS EVALUATION, PLANNING, CONTROL AND DECISION MAKING WILL BE ASSIGNED TO APPROPRIATE STAFF ELEMENTS/AGENCIES OTHER THAN THE REPORTS CENTER. SIMILARLY, RESPONSIBILITIES FOR PREPARATION OF OPERATIONAL REPORT DATA WILL BE ASSIGNED TO APPROPRIATE STAFF ELEMENTS/AGENCIES HAVING FUNCTIONAL RESPONSIBILITY IN THE AREAS REPORTED. THE REPORT WILL BE REVIEWED BY COMMAND POST/REPORTS CENTER PERSONNEL PRIOR TO RELEASE TO INSURE PROPER ADDRESSING, CLASSIFICATION, PRIORITY, AND ADHERENCE TO THE PRESCRIBED FORMAT. IT WILL THEN BE RELEASED IN ACCORDANCE WITH PAR 30(1), THIS CHAPTER.

(3) MONITOR OPERATIONAL REPORTS FOR ACCURACY AND TIMELINESS, REPORT ERRORS AND INITIATE CORRECTIVE ACTIONS AS REQUIRED.

(4) OPERATE THE CENTER ON A SCHEDULE THAT WILL PROVIDE TIMELY RESPONSE TO OPERATIONAL REPORTING REQUIREMENTS AND IN RESPONSE TO PARTICULAR COMMAND AND MISSION REQUIREMENTS. ACCOMPLISHMENT OF THIS REQUIREMENT MAY REQUIRE OPERATION OF THE COMMAND POST/REPORTS CENTER ON A CONTINUOUS 24 HOUR PER DAY SCHEDULE.

(5) ESTABLISH PROCEDURES FOR PERSONNEL AUGMENTATION DURING PERIODS OF ACCELERATED OPERATIONS AS REQUIRED. NORMAL OR SHIFT SCHEDULES MAY BE INCREASED OR ADDITIONAL TEMPORARY AUGMENTATION PERSONNEL MAY BE TRAINED, CONSISTENT WITH MISSION AND REPORTING REQUIREMENTS.

(6) ISSUE REPORTING INSTRUCTIONS TO INDIVIDUAL SUPPORTING OFFICES, AGENCIES AND REPORTING UNITS.

(7) MAINTAIN THE NECESSARY DIRECTIVES, REPORT FORMATS, PROCEDURES, DATA ELEMENTS AND CODES.

(8) ESTABLISH A SUSTAINED TRAINING PROGRAM FOR REPORTS PERSONNEL, AND INSURE THAT DESIGNATED ALERT AND BATTLE STAFF PERSONNEL ARE CAPABLE OF IMMEDIATELY PERFORMING THEIR ASSIGNED REPORT PREPARATION DUTIES.

(9) CONDUCT EXERCISES TO TEST THE ADEQUACY OF THE ORGANIZATION, MANNING, EQUIPMENT, PROCEDURES, COMMUNICATIONS AND TRAINING OF PERSONNEL.

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(10) MAINTAIN CURRENT DATA IN READILY USABLE FORM AT THE DESIGNATED WARTIME SITE(S) OF THE HEADQUARTERS CONCERNED.

#### 4. COMMAND REPORTING RESPONSIBILITIES.

A. MAJOR AIR COMMANDS WILL ESTABLISH REPORTING PROCEDURES AND CHANNELS OF COMMUNICATION TO OPERATE, MANAGE AND SUPPORT THE AFOREP. ADDITIONALLY, EACH MAJOR COMMAND WILL PRESCRIBE THE ORGANIZATION, FUNCTIONS AND REQUIREMENTS OF AN OPERATIONAL REPORTING SUBSYSTEM IN ACCORDANCE WITH THE COMMAND MISSION AND REQUIREMENTS, TO MAINTAIN CAPABILITY TO PROVIDE CURRENT OPERATIONAL INFORMATION AT ALL TIMES. STANDARD TITLES, NAMES, REPORT FORMATS AND CODES AS OUTLINED IN THIS MANUAL WILL BE USED WHENEVER POSSIBLE.

B. MAJOR COMMANDS RESPONSIBLE FOR THE SUBMISSION OF REPORTS FOR ALL ORGANIZATIONS UNDER ITS OPERATIONAL CONTROL. THIS INCLUDES UNITS THAT ARE ADMINISTRATIVELY ASSIGNED TO ANOTHER MAJOR COMMAND. SEPARATE AIR FORCE OPERATING AGENCIES (EXAMPLE ACIC) WILL SUBMIT APPLICABLE REPORTS TO THE USAF COMMAND POST ON INCIDENTS OR CONDITIONS WHICH HAVE A DETRIMENTAL EFFECT ON THE AIR FORCE MISSION.

C. AIR FORCE COMPONENT COMMANDERS AND THE COMMANDERS OF THE HIGHEST AIR FORCE COMPONENT IN UNIFIED, SPECIFIED OR TREATY ORGANIZATIONS (NATO, SEATO, ETC.), WILL SUBMIT AFOREP REPORTS. IN CERTAIN INSTANCES THE COMMANDER MAY BE THE AIR FORCE COMMANDER OF A SQUADRON, DETACHMENT OR AEROSPACE VEHICLE.

D. AIR FORCE COMPONENT COMMANDERS PARTICIPATING IN JCS/CINC OPERATIONS AND SUBMITTING JOPREP REPORTS WILL ENSURE THAT -

(1) ITEMS, EVENTS AND CONDITIONS WHICH DEVELOP, WITH POTENTIAL FOR ADVERSE EFFECT ON OPERATIONS WILL BE REPORTED FIRST AND PROMPTLY THROUGH AIR FORCE CHANNELS FOR NECESSARY REMEDIAL ACTION.

(2) ITEMS, EVENTS AND CONDITIONS OF AIR FORCE INTEREST ARE REPORTED ONLY THROUGH AIR FORCE CHANNELS.

2-4

= = = = =

AFM 55-11  
20 MAY 1968

E. IN ALL INSTANCES, OPERATIONAL REPORTING IS A CONTINUOUS MATTER FOR COMMAND INTEREST, INSPECTION, TESTING, AND ACTION, AS THE COMMANDER HAS FULL RESPONSIBILITY FOR THE TIMELINESS AND ACCURACY OF REPORTS.

2-5

=====

On to Part 2 of 3 Top of This Page To CUFON Main Page  
C U F O NSM  
The Computer UFO Network  
<http://www.cufon.org/>  
SYSOP - Jim Klotz  
Webmaster - Chris Lambright  
Information Director - Dale Goudie

UFO Reporting and Information Service  
Director - Dale Goudie  
Mail service currently unavailableVoice Line - unavailable

JOINT ARMY-NAVY-AIR FORCE PUBLICATION 146(E) (JANAP 146E) (CIRVIS/MERINT)  
This file contains the complete text of: Joint Army-Navy-Air Force Publication (JANAP 146(E)), CANADIAN - UNITED STATES COMMUNICATIONS INSTRUCTIONS FOR REPORTING VITAL INTELLIGENCE SIGHTINGS (CIRVIS/MERINT) as released on February 28, 1994 by the Assistant to the Secretary of Defense.  
The regulation is complete including "change No. 2", promulgated May 17, 1977. Only ten of the 33 pages (not including blank pages) are the "original" JANAP 146(E), the remaining 23 pages are as "Change No. 2".

JANAP 146 is important for a couple of reasons:

1. It is mentioned in the "Bollender Memo" (dated 1969) as being one of the "reporting channels" by which UFO reports which are matters of national security are reported; UFO reports "not part of the Blue Book system".

2. This copy is dated 1977 and still bears "Unidentified flying objects" as one of the items which must be reported despite protestations by virtually every agency queried that there has been no interest in UFOs since the USAF Project Blue Book closed in 1969.

Some hand written notes appear in the released pages, and some typed text is crossed out generally by a single hand drawn line. This information has been retained:

1. [ Text in [ ] brackets is crossed out in original ]
2. { Text in curly brackets { } is hand written in original }
3. { | }, { | }, or { | } indicates bars drawn in margin (presumably indicating areas of additional change)

- Jim Klotz CUFON SYSOP April 2, 1994

=====

OFFICE OF THE ASSISTANT TO THE SECRETARY OF DEFENSE  
1400 DEFENSE PENTAGON  
WASHINGTON, D.C. 20301-1400

28 FEB 1994

PUBLIC AFFAIRS  
Ref: 93-FOI-2428/L

Mr. Dale Goudie

Dear Mr. Goudie:

This is in response to your letter of February 11, 1994, inquiring into the status of your Freedom of Information Act (FOIA) request of October 21, 1993.

Your October request has been referred to the Organization of the Joint Staff (JS) for items 1, 2, 3, 4, 6 and 7. The JS has provided the enclosed document as responsive to item 5 of your request.

The Organization of the Joint Staff (JS) is still working on the remainder of your request and as soon as they complete their review we will be able to complete your request. You may contact us at any time and inquire as to

the status of your request. The telephone number is (703) 697-4026.

Sincerely,

/s/

W. M. McDonald  
Freedom of Information  
and Security Review

Enclosure:  
As stated

=====

[ FOR OFFICIAL USE ONLY ]  
{ UNCLASSIFIED }

JANAP 146(E)

CANADIAN - UNITED STATES  
COMMUNICATIONS INSTRUCTIONS  
FOR REPORTING VITAL  
INTELLIGENCE SIGHTINGS

(CIRVIS/MERINT)  
JANAP 146(E)

THIS PUBLICATION CONTAINS US MILITARY  
INFORMATION AND RELEASE TO OTHER THAN US  
MILITARY AGENCIES WILL BE ON A NEED-TO  
KNOW BASIS.

THE JOINT CHIEFS OF STAFF  
WASHINGTON, D.C., 20301

MARCH 1966

[ FOR OFFICIAL USE ONLY ]  
CHANGE NO. 2  
{ UNCLASSIFIED }  
(REVERSE BLANK)

=====

CHANGE NO. 2

to JANAP 146(E)

THE JOINT CHIEFS OF STAFF

Washington, D.C. 20301

17 May 1977

US NATIONAL LETTER OF PROMULGATION  
FOR CHANGE NO. 2 TO JANAP 146(E)

1. CHANGE No. 2 to JANAP 146(E), CANADIAN-UNITED STATES COMMUNICATIONS INSTRUCTIONS FOR REPORTING VITAL INTELLIGENCE SIGHTINGS (CIRVIS/MERINT), is an UNCLASSIFIED document developed under the direction of the Canadian Defence Staff and the US Joint Chiefs of Staff. This document is promulgated for guidance, information, or joint use of the Armed Forces of Canada and the United States and other users of Canadian and/or US military communications facilities.

2. CHANGE No. 2 to JANAP 146(E) is EFFECTIVE UPON RECEIPT and confirms material promulgated by Message Correction 1/2.



3. Insert the new pages in numerical sequence and check the List Of Effective Pages (LEP). The appropriate entry shall be made on the Record of Changes and Corrections page that this change has been entered. After entry of Change No. 2, the US National Letter of Promulgation will be retained for future reference (to be entered in the publication after the Record Changes and Corrections). This change consists of the following pages:

US National Letter of  
Promulgation for Change No. 2...1 of 2, 2 of 2  
New and reprinted pages:

I (Reverse Blank)  
III (Reverse Blank)  
VII, VIII 2-9 to 2-14  
1-I, 1-2 3-1, 3-2  
2-1, 2-2 3-5 to 3-8  
LEP-1 (Reverse Blank)

This document contains Canadian/US  
military information and release to  
other than Canadian/US military  
agencies will be on a need-to-know  
basis.

1 of 2                      CHANGE NO. 2

=====

4. The following pages removed from JANAP 146(E) incident to the entry of this change shall be destroyed in accordance with current Service regulations:

I (Reverse Blank) Original    2-11 to 2-14 Change No. 1  
III (Reverse Blank) original   3-1, 3-2 original  
VII, VIII original            3-5 to 3-8 Change No. 1  
1-I, 1-2 Change No. 1    LEP-1 (Reverse Blank)  
2-1, 2-2 original Change No. 1  
2-9, 2-10 original

5. Permission is granted to copy or make extracts from this document, as desired, without reference to the US Joint Chiefs of Staff.

6. This document may be carried in aircraft for use therein.

7. Correspondence concerning this publication should be addressed as follows:

a. Service-originated correspondence will be forwarded through the normal military chain of command, marked for the attention of the appropriate Service communications director, as listed below, and will not be addressed to the US Joint Chiefs of Staff:

(1) Director, Telecommunications and Command and Control, US Army

(2) Director, Naval Communications, US Navy

(3) Director of Command Control and Communications, US Air Force.

b. Defense, national, and Federal agencies, as well as other recipients of this publication, should address their correspondence to the Chairman, US Military Communications-Electronics Board, Joint Chiefs of Staff, The Pentagon, Washington, D.C. 20301.

For the US Joint Chiefs of Staff:

/s/

OWEN L. GREENBLATT

Colonel, USAF  
Acting Secretary

2 of 2

CHANGE NO. 2

=====

JANAP 146(E)

THE JOINT CHIEFS OF STAFF  
Washington, D.C., 20301

31 March 1966  
(Rev. 17 May 1977)

US NATIONAL LETTER OF PROMULGATION  
FOR JANAP 146(E)

1. JANAP 146(E), CANADIAN-UNITED STATES COMMUNICATIONS INSTRUCTIONS FOR REPORTING VITAL INTELLIGENCE SIGHTINGS (CIRVIS/MERINT), is an UNCLASSIFIED publication developed under the direction of the Canadian Defence Staff and the US Joint Chiefs of Staff. This publication is promulgated for guidance, information, or joint use of the Armed Forces of Canada and the United States and other users of Canadian and/or US military communications facilities.
2. JANAP146(E) is EFFECTIVE UPON RECEIPT for US use and supersedes JANAP 146 (D), which shall be destroyed in accordance with current Service regulations.
3. Permission is granted to copy or make extracts from this publication, as desired, without reference to the US Joint Chiefs of Staff.
4. This publication may be carried in aircraft for use therein.
5. This publication contains military information and is FOR OFFICIAL USE ONLY.
6. Correspondence concerning this publication should be addressed as follows:
  - a. Service-originated correspondence will be forwarded through the normal military chain of command, marked for the attention of the appropriate Service communications director, as listed below, and will not be addressed to the US Joint Chiefs of Staff:

{Assistant Chief of Staff for Automation and Communications}  
(1) [Director, Telecommunications and Command and Control], US Army

(2) Director, Naval Communications, US Navy

{and} {Tele}  
(3) [Director of Command ^ Control, and ^ Communications], US Air Force

{(4)} Director, Command, Control, Communications and Computers, (C), Systems  
Division,  
Marine Corps

b. Defense, national, and Federal agencies, as well as other recipients of this publication, should address their correspondence to the Chairman, US Military Communications-Electronics Board, Joint Chiefs of Staff, The Pentagon, Washington, D.C. 20301.

For the US Joint Chiefs of Staff:

/s/

OWEN L. GREENBLATT  
Colonel, USAF  
Acting Secretary

III CHANGE NO. 2  
(REVERSE BLANK)

JANAP 146(E)

RECORD OF CHANGES AND CORRECTIONS

Enter Change or Correction in Appropriate Column

RECORD OF CHANGES AND CORRECTIONS

Enter Change or Correction in Appropriate Column

| Identification of Change<br>or Correction; Reg. No.<br>(if any) and date of same |                      | Date<br>Entered | By whom entered<br>(Signature; rank, grade or<br>rate; name of command) |
|----------------------------------------------------------------------------------|----------------------|-----------------|-------------------------------------------------------------------------|
| Change                                                                           | Correction           |                 |                                                                         |
| {#1 23 May 69                                                                    |                      | 24 Nov 69       | (/s/) J Ramirez SFC J-6 }                                               |
| { JAFPUB 5/73                                                                    | 1/2                  | 12 Jan 73       | (/s/) TSgt Shelton J-6 }                                                |
| { #2                                                                             |                      | 12 SEP 78       | (initials) bw}                                                          |
|                                                                                  | 2/3(JAFPUB<br>46/84} | 9 Aug 83        | (partially illegible) USA}                                              |

V ORIGINAL  
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JANAP 146(E)

## CHAPTER I

### GENERAL DESCRIPTION AND PURPOSE OF COMMUNICATIONS INSTRUCTIONS FOR REPORTING VITAL INTELLIGENCE SIGHTINGS

101. Purpose. - The purpose of this publication is to provide uniform instructions for the peacetime reporting of vital intelligence sightings and to provide communications instructions for the passing of these intelligence reports to appropriate military authorities.

102. Scope. -

a. This publication is limited to the reporting of information of vital importance to the security of the United States of America and Canada and their forces, which in the opinion of the observer, requires very urgent defensive and/or investigative action by the US and/or Canadian Armed Forces.

b. The procedures contained in this publication are provided for :

- (1) US and Canadian civil and commercial aircraft.
- (2) US and Canadian government and military aircraft other than those operating under separate reporting directives.
- (3) US and Canadian merchant vessels operating under US and Canadian registry.
- (4) US and Canadian government and military vessels other than those operating under separate reporting directives.
- (5) Certain other US and Canadian vessels including fishing vessels.
- (6) Military installations receiving reports from civilian or military land based or waterborne observers unless operating under separate reporting directives.
- (7) Government and civilian agencies which may initiate reports on receipt of information from land-based, airborne or waterborne observers.

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103. Message Identification -

- a. Reports made from airborne and land-based sources will be identified by

CIRVIS pronounced SUR VEES as the first word of the text. (Refer Chapter II).

b. Reports made by waterborne sources will be identified by MERINT pronounced as MUR ENT as the first word of the text. (Refer Chapter III).

{| }104. Photographs. - Every effort should be made to substantiate vital intelligence sightings by  
{| }taking as many photographs as possible. Undeveloped film or prints and negatives should be  
{| }forwarded with a brief letter report and other identifying information as indicated below. Film  
{| } will be processed, and one copy of each print, together with a roll of new film, will be returned  
{| } to the individual.

{| }  
{| } a. CIRVIS Related Photography. Forward to the Director, Defense  
{| } {RTS-3A}  
{| }Intelligence Agency (DIA/[DC-6]), Washington, DC 20301, or to the National Defence  
{| }Headquarters,{\*}Ottawa, Ontario, KIA 0K2, Attention: Director General of Intelligence and  
{| }Security, [Defence, Ottawa 4,Ontario]

{| }  
{| } b. MERINT Related Photography. Forward to the Chief of Naval  
Operations (ATTN:  
{| }Director of Naval Intelligence), Department of the Navy, Washington, DC 20350, or to the  
{| } National Defence Headquarters,  
{|\* }Ottawa, Ontario, KIA 0K2, Attention: Director General of Intelligence and Security.  
{| } { 101 Colonel By Drive, }

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## CHAPTER II

### CIRVIS REPORTS

#### SECTION I - GENERAL

##### 201. Information to be Reported and When to Report.

a. Sightings within the scope of this chapter, as outlined in paragraphs 102b(1), (2), (6) and (7), are to be reported as follows:

(1) While airborne and from land based observers.

(a) Hostile or unidentified single aircraft or formations of aircraft which appear to be directed against the United States or Canada or their forces.

(b) Missiles.

(c) Unidentified flying objects.

(d) Hostile or unidentified submarines.

(e) Hostile or unidentified group or groups of military surface vessels.

(f) Individual surface vessels, submarines, or aircraft of unconventional design, or engaged in suspicious activity or observed in a location or on a course which may be interpreted as constituting a threat to the United States, Canada or their forces.

(g) Any unexplained or unusual activity which may indicate a possible attack against or through Canada or the United States, including the presence of any unidentified or other suspicious ground parties in the Polar Region or other remote or sparsely populated areas.

(2) Upon landing.

(a) Reports which for any reason could not be transmitted while airborne.

(b) Unlisted airfields or facilities, weather stations, or air navigation aids.

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(c) Any airborne, seaborne, ballistic or orbiting object which, the observer feels, may  
{| } constitute a military threat against the US or Canada, or may be of interest to military and  
{| } civilian government officials.

## SECTION II - PROCEDURES

### 202. General.

a. Communications procedures to be employed will be basically those prescribed for the communications system or service used. Continuing efforts will be made by an aircraft originating a CIRVIS report to insure that each CIRVIS message is received by an appropriate station.

b. Every attempt will be made to verify the authenticity of CIRVIS reports. Where possible, authentication will be required.

{| } c. The US Air Force, Office of Primary Responsibility (OPR), for such matters is the  
{| } Assistant Chief of Staff, Intelligence (AFIN), Washington, DC 20330.

### 203. Precedence (priority of transmission).

a. To avoid delays by aircraft in rendering a CIRVIS report to a ground facility, the word "CIRVIS" spoken or transmitted three (3) times will be employed, preceding the call, to clear the frequency(ies) over all other communications, except DISTRESS and URGENCY, to insure its expeditious handling.

b. Should instances occur, when use of the above procedure fails to clear the frequency(ies) over all other communications in progress except as provided for in 203a, the International Urgency Signal "XXX" transmitted three (3) times or "PAN" spoken three (3) times will be employed to facilitate disposition of the message to the receiving facility.

c. When filing or refiling CIRVIS messages with commercial communications companies, US Government activities will use commercial class of service designator XV GOVT/EMERGENCY, Canadian Government activities will use commercial class of service designator RUSH.

d. The following precedence will be employed in the transmission of all CIRVIS reports, as appropriate, commensurate with the communications facilities used:

Circuit clearance

CIRVIS CIRVIS CIRVIS

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International Urgency Signal XXX XXX XXX or PAN PAN PAN

Military precedence Z or FLASH

Commercial Class of  
Service Indicator

XV GOVT/EMERGENCY for US Government activities or RUSH for Canadian Government activities (to be used only when refiled with commercial companies)

#### 204. Contents of CIRVIS Reports.

a. Airborne CIRVIS reports will be similar to routine aircraft position reports transmitted by either radiotelephone or radiotelegraph. The appropriate procedures to be employed will be those applicable to communications facilities utilized. the reports should contain the information detailed below, when appropriate, and in the order listed.

b. When reporting identifiable objects:

(1) CIRVIS Report.

(2) Identification of reporting aircraft or observer as appropriate.

(3) Object sighted. Give brief description of the sighting which should contain the following items as appropriate.

(a) Number of aircraft, vessels, missiles, submarines, etc.

(b) Category of object, general description. e.g., size, shape, type of propulsion, etc.

(4) The position of the object. This can be indicated by any of the following methods:

(a) Latitude and Longitude.

(b) Over a radio fix.

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(c) True bearing and distance from a radio fix.



(d) Over a well-known or well-defined geographic point.

(5) Date and time of sighting (GMT).

(6) Altitude of object.

(7) Direction of travel of object.

(8) Speed of object.

(9) Any observed identification, insignia, or other significant information. Every reasonable effort should be made to positively identify the object sighting.

c. When reporting unidentifiable objects:

(1) CIRVIS Report.

(2) Identification of reporting aircraft or observer as appropriate.

(3) Object sighted. Give brief description of the object which should contain the following items:

(a) Shape.

(b) Size compared to a known object (use one of the following terms: Head of a pin, pea, dime, nickel, quarter, half dollar, silver dollar, baseball, grapefruit, or basketball) held in the hand at about arm's length.

(c) Color.

(d) Number.

(e) Formation, if more than one.

(f) Any discernible features or details.

(g) Tail, trail, or exhaust, including size of same compared to size of object.

(h) Sound. If heard, describe sound.

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(i) Other pertinent or unusual features.

(4) Description of Course of Object:

(a) What first called the attention of observer(s) to the object?

(b) Angle or elevation and azimuth of object when first observed.

(c) Angle or elevation and azimuth of object upon disappearance.

(d) Description of flight path and maneuvers of object.

(e) How did the object disappear? (Instantaneously to the North,

etc.)

(f) How long was the object visible? (Be specific, 5 minutes, 1 hour, etc.)

(5) Manner of Observation:

(a) Use one or any combination of the following items: Ground-visual, ground-electronic, air electronic. (If electronic, specify type of radar.)

(b) Statement as to optical aids (telescopes, binoculars, etc.) used and description thereof.

(c) If the sighting is made while airborne, give type of aircraft, identification number, altitude, heading, speed, and home station.

(6) Time and Date of Sighting:

(a) Zulu time-date group of sighting.

(b) Light conditions. (Use one of the following terms: Night, day, dawn, dusk.)

(7) Location of Observer(s). Exact latitude and longitude of each observer, and/or geographical position. A position with reference to a known landmark also should be given in electrical reports, such as "2mi N of Deeville;" "3mi SW of Blue Lake." Typographical errors

2-5

ORIGINAL

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JANAP 146 (E)

or "garbling" often result in electrically transmitted messages, making location plots difficult or impossible.

(8) Weather and Winds - Aloft Conditions at Time and Place of Sightings:

(a) Observer(s) account of weather conditions.

(b) Report from nearest AWS or U.S. Weather Bureau Office of wind direction and velocity in degrees and knots at surface, 6,000', 10,000', 16,000', 20,000', 30,000', 50,000', and 80,000' if available.

(c) Ceiling.

(d) Visibility.

(e) Amount of cloud cover.

(f) Thunderstorms in area and quadrant in which located.

(g) Temperature gradient.

(9) Any other unusual activity or condition, meteorological, astronomical, or otherwise, which might account for the sighting.

(10) Interception or identification action taken (such action may be taken whenever feasible, complying with existing air defense directives).

(11) Location, approximate altitude, and general direction of flight of any air traffic or balloon releases in the area which could possibly account for the sighting.

(12) Position title and comments of the preparing officer, including his preliminary analysis of the possible cause of the sighting(s).

(13) Existence of physical evidence, such as materials and photographs.

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ORIGINAL

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JANAP 146 (E)

Example of an air-ground radiotelephone transmission:

(Aircraft) CIRVIS CIRVIS CIRVIS - KINDLEY THIS IS AIR FORCE  
TWO FIVE NINE THREE SIX - CIRVIS REPORT - OVER

(Aeronautical  
Station) AIR FORCE TWO FIVE NINE THREE SIX THIS IS  
KINDLEY - GO AHEAD

(Aircraft) FLASH - CIRVIS REPORT - AIR FORCE TWO FIVE  
NINE THREE SIX SIGHTED FORMATION OF SIX JET  
BOMBERS - CONFIGURATION IS SWEEP WING WITH  
EIGHT JET ENGINES - TWO HUNDRED MILES EAST OF  
BERMUDA ON THIRTEEN MAY AT ONE THREE FIVE  
ZERO ZULU - ALTITUDE THREE FIVE THOUSAND -  
HEADING TWO SEVEN ZERO DEGREES - NO MARKINGS  
OBSERVED - OVER

(Aeronautical  
Station) KINDLEY - ROGER - OUT

Example of an air-ground radiotelegraph transmission:

(Aircraft) CIRVIS CIRVIS CIRVIS AFA3 DE A48207 K

(Aeronautical  
Station) A48207 DE AFA3 K

(Aircraft) Z - CIRVIS REPORT. A48207 SIGHTED.....ETC.

(Aeronautical  
Station) A48207 DE AFA3 R AR

205. Additional CIRVIS Reports.

a. Additional reports should be made if more information becomes available concerning a previously sighted object. These reports should contain a reference to the original report sufficient to identify them with the original sighting.

(Aircraft) CIRVIS CIRVIS CIRVIS - KINDLEY THIS IS AIR  
FORCE TWO FIVE NINE THREE SIX - CIRVIS REPORT -  
OVER

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JANAP 146 (E)

(Aeronautical  
Station) AIR FORCE TWO FIVE NINE THREE SIX THIS IS  
KINDLEY - GO AHEAD

(Aircraft) FLASH - THE SIX JET BOMBERS PREVIOUSLY REPORTED  
AT ONE THREE FIVE ZERO ZULU BY AIR FORCE TWO FIVE  
NINE THREE SIX ARE NOW ONE THREE ZERO MILES WEST  
OF BERMUDA AT ONE FOUR THREE FIVE ZULU - HEADING  
TWO SEVEN ZERO DEGREES - OVER

(Aeronautical  
Station) KINDLEY - ROGER - OUT

NOTE: In radiotelegraph transmission, the same procedures would apply as  
prescribed in paragraph 204.

b. Cancellation reports should be made in the event a previously reported  
sighting is positively identified as friendly or that it has been erroneously  
reported. Such reports should be transmitted as a brief message canceling the  
previous report(s).

Example of an air-ground radiotelephone transmission:

(Aircraft) CIRVIS CIRVIS CIRVIS - KINDLEY THIS IS AIR FORCE  
TWO FIVE NINE THREE SIX - CIRVIS REPORT - OVER

Aeronautical  
Station) AIR FORCE TWO FIVE NINE THREE SIX THIS IS KINDLEY -  
GO AHEAD

(Aircraft) FLASH - CANCEL CIRVIS REPORT OF ONE THREE FIVE  
ZERO ZULU BY AIR FORCE TWO FIVE NINE THREE SIX -  
SIX JET BOMBERS POSITIVELY IDENTIFIED AS AIR FORCE  
BRAVO FORTY SEVENS AT ONE FOUR FOUR SIX ZULU - OVER

(Aeronautical  
Station) KINDLEY - ROGER - OUT

NOTE: In radiotelegraph transmission, the same procedures would apply as  
prescribed in paragraph 204.

c. A post landing report is desired immediately after landing by  
CINCNOAD or RCAF-ADC to amplify the airborne report(s). This may be filed with  
either the Canadian or United States military or civil communications facilities  
located at the place of landing. If the landing is not made in Canadian or  
United States territory the report should be

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made to the nearest Canadian or United States military or diplomatic representative in that area. The post-landing report will refer to the airborne report(s) and, in addition, contain a brief resume of weather conditions at the time of sighting(s), verification of the sighting(s) by other personnel and any other information deemed appropriate. If the sighting was identified as friendly and a report so stating was filed while airborne, no post-landing report is required.

(1) If no airborne report was made as a result of inability to reach a Canadian or United States communications station, the post landing report will contain all the information available concerning the sighting.

#### 206. Addressing.

a. Aircraft. - It is imperative that all CIRVIS reports reach the appropriate military commands as quickly as possible. The reports, therefore, shall be transmitted as soon as possible after the sighting. Ground procedures have been established to handle CIRVIS reports by Canadian-United States military and civil communications facilities, so the same procedures as those now established and in use by pilots for air traffic control shall be followed. When contact by civil or military pilots cannot be established with any ground communications station, maximum effort shall be made to relay the CIRVIS reports via other air craft with which communication is possible.

{\* Detachment Commander, AIRCOMHQ Detachment, }

(1) Post-landing reports should be addressed to CINCNORAD/IN; Ent AFB, Colorado{ | } Springs, Colorado;{\*}[CDR Canadian Forces, Air Defence; Group] [Headquarters,] CFB { | } North Bay, Hornell Heights, Ontario, POH 1PO ; or [CDR]Air Command, Canadian Forces Base Winnipeg, Westwin, Man, R2R OT0, { | } whichever is the more convenient if the sighting occurred within the area prescribed in paragraph 206b below. Whichever of these headquarters receives the report will immediately notify the other and also all other addressees of the original report(s). If the sighting(s) occurred in other areas, the post-landing report should be made to the nearest US or Canadian military or diplomatic representative in that area who will forward the report as prescribed in subparagraph 206b(1).

b. Communications Station. - Communications stations (to include any Canadian or United States civil or military facility such as control tower, naval shore radio station, approach control, ARTC center, or any other communications facility) receiving CIRVIS reports will immediately after receipting process the report as follows:

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(1) US military fixed communications stations receiving CIRVIS reports on sightings in overseas areas will forward the report to the following addressees:

(a) The operating service commands of the area involved.

{ | } (b) Commander-in-Chief, North American Air Defense Command  
(CINCNORAD/IN),  
{ | } Ent AFB, Colorado Springs, Colorado.

(c) Commander-in-Chief, Strategic Air Command (CINCSAC), Offutt

AFB, Nebraska.

{| } (d) Chief of Staff, United States Air Force (CSAF/IN),  
Washington, D. C.

{| } (2) Canadian and US military fixed communications stations  
receiving CIRVIS reports

{| } on sightings within the North American continent or  
within waters bordering the

{| } North American continent will forward the report to the  
following addressees:

{| }  
{| } (a) Commander of the nearest joint air defense division,  
command or group.

{| }  
{| } (b) Commander-in-Chief, North American Air Defense Command  
(CINCNORAD/IN), Ent AFB, Colorado Springs, Colorado.

{| }  
{| } (c) [Chief of the Defence Staff,] National Defence Head-  
{| } {^}101 Colonel By Drive}  
{| } quarters,{^} Ottawa, Ontario, KIA OK2, (Msg Address; NDHQ OTTAWA (For DGIS)  
{| } in the first line of text).

{| }  
{| } (d) Commander-in-Chief, Strategic Air Command (CINCSAC) ,  
{| } Offutt AFB, Nebraska.

{| }  
{| } (e) [Commander] Air Command, Canadian Forces Base Winnipeg,  
{| } Westwin, Man, R2R 0T0 (Message Address: AIRCOM  
WINNIPEG).

{| }  
{| } (f) Appropriate Antisubmarine Warfare Force Commander;

{| }  
{| } 1. Commander Third Fleet (COMTHIRDFLT).

{| }  
{| } 2. Commander Antisubmarine Warfare Force U. S.

Pacific Fleet  
{| } (COMASWFORPAC), Pearl Harbor, Hawaii.

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(g) Appropriate Fleet Commander-in-Chief:

{| }

{| }

1. Commander-in-Chief, Atlantic Fleet (CINCLANTFLT), Norfolk,  
Virginia.

{| }  
{| }

{|}

2. Commander-in-Chief, Pacific Fleet (CINCPACFLT), Makalapa, Hawaii.

{|}  
{|}

{|}

3. Commander-in-Chief, US Navy Forces Europe (CINCUSNAVEUR), London, United Kingdom.

{|}  
{|}

{|}

- (h) Chief of Staff, United States Air Force (CSAF), Washington, D.C.

{|}

- (i) Commander, 22nd NORAD Region HQ, Canadian Forces Base North Bay, Hornell Heights, Ont, POH 1PO ([Msg] Address: 22ND NRHQ NORTH BAY). {Message}

{|}  
{|}  
{|}

{|}

{Detachment Commander, AIRCOMHQ Detachment}

{|}

(j) [Air Defence Group Headquarters,] CFB North Bay, Hornell Heights, Ont,  
POH 1PO (Msg Address: ADGHQ NORTH BAY).

{|}  
{|}

{|}

(k) Appropriate Maritime Commander in Command:

{|}

{|}

1. [Commander,] Maritime command, FMO Halifax, NS B3K 2X0  
(Message Address: MARCOMHQ HALIFAX).

{|}  
{|}

{|}

2. Maritime Forces Pacific, FMO Victoria, BC, VOS 1B0 (Message  
Address: MARPACHQ ESQUIMALT).

{|}  
{|}

{|}

added as (l) The operating service commands of an overseas area will be  
{|}  
addressees if the direction of travel of the object is  
toward an overseas {|}  
area.  
{|}

(3) Canadian and United States civil communications stations will  
handle CIRVIS {|}  
reports received from either aircraft or other communications  
stations as follows: {|}



(a) Air carrier company stations will pass the CIRVIS report, exactly as received, {} to the nearest FAA or MOT ARTC center in the same manner as air traffic {} control information. {}

(b) FAA or MOT communications stations, upon receipt of a CIRVIS report will {} immediately pass the report so the appropriate ARTC center. {}

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{} (c) FAA or MOT ARTC Centers. Upon receipt of CIRVIS reports , ARTC centers will forward them immediately to the appropriate military facility as prescribed by agreement with the appropriate military commander.

207. Acceptance of and Responsibility for CIRVIS Reports.

a. The following activities have responsibilities as follows:

{} (1) CINCNORAD or 22ND NRHQ NORTH BAY will review all CIRVIS reports to {} ascertain that they have been addressed in accordance with paragraph 206 and {} forward reports to any omitted addressees in the United States and Canada {} respectively. These headquarters are the normal points of contact between the two {} countries and are responsible for passing CIRVIS reports of interest, including {} post-landing reports, to each other.

(2) United States or Canadian military or diplomatic authorities in receipt of CIRVIS reports that have not been previously forwarded should take the action indicated in paragraph 206 without delay by the most rapid means available.

(3) Chief of Staff, USAF, will disseminate CIRVIS reports to appropriate agencies in the Washington D.C. area.

{} (4) ADGHQ NORTH BAY and the Canadian Maritime Commanders will be responsible {} for notifying National Defence Headquarters in Ottawa concerning CIRVIS reports.

(5) Sea Frontier Commanders will be responsible for notifying the Chief of Naval Operations and appropriate Fleet Commanders concerning CIRVIS reports, and for {} timely notification of other sea Frontier Commanders if the location of the reported {} contact warrants such notification.

b. Fixed and mobile military communications facilities and military

personnel having occasion to handle CIRVIS reports must lend assistance in all cases required in expediting CIRVIS reports. All civilian facilities and personnel are also urged to do so. Maximum effort must be made by all persons handling CIRVIS reports to insure positive immediate delivery.

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c. WHEN A STATION RECEIVES A PARTIAL CIRVIS REPORT AND THE REMAINDER IS NOT IMMEDIATELY FORTHCOMING, IT WILL BE RELAYED OR DELIVERED IN THE SAME MANNER AS A COMPLETE REPORT.

### SECTION III - SECURITY

208. Military and Civilian. Transmission of CIRVIS reports are subject to the U.S. Communications Act of 1934, as amended, and the Canadian Radio Act of 1938, as amended. Any person who violates the provisions of these acts may be liable to prosecution thereunder. These reports contain information affecting the national defense of the United States and Canada. Any person who makes an unauthorized transmission or disclosure of such a report may be liable to prosecution under Title 18 of the US Code 793, Chapter 37, or the Canadian Official Secrets { | } Act of 1939, as amended. This should not be construed as requiring classification of CIRVIS { | } messages. The purpose is to emphasize the necessity for the handling of such information within official channels only.

### SECTION IV - EVALUATION REPORTS

209. Action by Activities.

a. All investigative measures and evaluation processes instituted by addressees, will be handled in accordance with existing procedures and reported in accordance with these instructions, insuring that appropriate commands as listed in paragraph 206 are kept fully informed of investigative results and evaluations. These evaluations shall be expressed in terms indicating the reported sighting as being Positive, Probable, Possible, or No Threat insofar as being a threat to the security of the United States of America and Canada or their forces, or an explanation of the subject reported when known.

b. The first two words of the text of an evaluation report shall be "CIRVIS EVALUATION" followed by the date and time of sighting and/or other identification of the CIRVIS report(s) being evaluated.

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### SECTION V - COMMERCIAL CHARGES

210. Charges.

a. All charges incurred in handling CIRVIS reports through U.S. facilities will be charged to the U.S. Department of the Air Force (accounting symbol "AF"). Insofar as practicable, CIRVIS reports so handled should be forwarded XV GOVT/EMERGENCY COLLECT.

b. All charges incurred in handling CIRVIS reports through Canadian facilities will be charged to Canadian Armed Forces. Insofar as practicable,

CIRVIS reports so handled will be forwarded "RUSH COLLECT".

c. Any or all questions of charges will be resolved after traffic has been handled. In no case should CIRVIS reports be delayed because of communication handling charges.

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### CHAPTER III

#### MERINT REPORTS

#### SECTION 1 - GENERAL

##### 301. Information to be Reported and When to Report.

{|}  
{|}

Units identified in paragraphs 102.b(3), (4), (5), and (6) are to immediately report the following information if it could relate to possible hostile action directed against Canada or the United States or their forces:

{|}  
{|}  
{|}  
{|}

(1) Movement of Warsaw Pact/unidentified aircraft (single or in formation).

{|}

(2) Missile firings.

{|}

(3) Movement of Warsaw Pact/unidentified submarines.

{|}

(4) Movement of Warsaw Pact/unidentified group or groups of surface combatants.

{|}

(5) Any airborne, seaborne, ballistic or orbiting object which, the observer feels, may

constitute a military threat against the U.S. or Canada, or may be of interest to military and civilian government officials.

{|}  
{|}  
{|}

(6) Individual surface ships, submarines or aircraft of unconventional design, or engaged

in suspicious activities or observed in an unusual location.

{|}  
{|}

(7) Any unexplained or unusual activity which may indicate possible attack against or through the United States or Canada, including the presence of any unidentified or other suspicious ground parties in the Polar region or other remote or sparsely populated areas.

{|}  
{|}  
{|}

## SECTION II - PROCEDURES

### 302. General.

a. Communications procedures to be employed will be basically those prescribed for the communications system or services used. Canadian and United States merchant ships will employ normal international commercial communication procedures and utilize existing commercial or military facilities as appropriate. Every effort will be made to obtain an acknowledgement for each MERINT message transmitted. Vessels which are manned by military or civil service personnel will use military communication procedure.

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b. Every attempt will be made to verify the authenticity of MERINT reports. Where possible, authentication will be required.

303. Precedence (priority of transmission). Transmission of MERINT reports should be preceded by the word "MERINT" spoken or transmitted three (3) times or by its alternate, the international "Urgency Signal". Additionally, the military precedence of "FLASH" shall be used if the report is addressed to military activities. When filed or refiled with commercial communications companies, U.S. Government activities will use the commercial class of service designator XV GOVT/EMERGENCY. Canadian Government activities will use the designator RUSH:

|                                             |                               |
|---------------------------------------------|-------------------------------|
| Circuit Clearance                           | MERINT    MERINT    MERINT    |
| International Urgency<br>Signal (Alternate) | XXX XXX XXX or<br>PAN PAN PAN |
| Military Precedence                         | Z or FLASH                    |
| Commercial Class of<br>Service Indicator    | XV GOVT/EMERGENCY or<br>RUSH  |

### 304. Contents of MERINT Reports.

a. Whenever practicable MERINT reports should be substantiated with photographs (See paragraph 104). MERINT reports should contain the following as applicable in the order listed:

(1) "MERINT" will always be the first word of the text.

(2) Name and call letters of reporting ship.

(3) Object sighted. Give brief description of the sighting which should contain the following

items as appropriate:

(a) Number of aircraft, vessels, missiles, submarines, etc.

(b) Category of object, general description.

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e.g., size, shape, type of propulsion, etc.

(4) Ship's position at time of sightings.

(5) Date and time of sighting (GMT).

(6) Altitude of object expressed as Low, Medium or High.

(7) Direction of travel of object.

(8) Speed of object.

(9) Any observed identification, insignia, or other significant information. Every reasonable effort should be made to positively identify the object sighted.

(10) Conditions of sea and weather.

Example of a Radiotelephone Transmission:

MERINT MERINT MERINT - WHISKEY ZULU TANGO - THIS IS KILO HOTEL WHISKEY MIKE - OVER

KILO HOTEL WHISKEY MIKE - THIS IS - WHISKEY ZULU TANGO - OVER

WHISKEY ZULU TANGO - THIS IS - KILO HOTEL WHISKEY MIKE MERINT SS TUNA KILO HOTEL WHISKEY MIKE SIGHTED FORMATION OF SIX JET BOMBERS AT 40N 50E AT 211500Z ALTITUDE MEDIUM HEADING 270 DEGREES TYPE OF AIRCRAFT NOT OBSERVED BEAUFORT WIND FORCE 3 SEA CALM - OVER

Example of a Radiotelegraph Transmission:

MERINT MERINT MERINT - CFH DE KHWM K  
KHWM DE CFH K  
RUSH  
MERINT (REMAINDER OF TEXT)  
211512Z JONES KHWM  
K

305. Additional MERINT Reports.

a. Amplifying Reports. -

(1) When additional information becomes available to any observer and is of importance, it is to be transmitted as a "MERINT AMPLIFY" report.

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(2) Amplifying reports are to be handled in the same way as the original report except that the first two words of the text will be "MERINT AMPLIFY" followed by the date and time of filing of the MERINT report being amplified.

(3) Amplifying reports on aerial objects normally consist of additional information pertaining to the sighted object's size; shape; description of jet or rocket streams; color; sound; if multiple objects, the number; type; method of propulsion; number of engines; insignia and estimated speed.

(4) Amplifying reports on submarines or surface sightings normally consist of additional information on the state of sea and weather, including visibility; actions of object (course, speed, evasive maneuvers, etc.); identification marks, (flags, signals, numbers, exchange of communication); closest range at which object observed; any further remarks, (dived, surfaced, commenced snorkeling, stopped snorkeling, etc.)

b. Cancellation Reports. -

(1) Cancellation reports should be made in the event a previously reported sighting is positively identified as friendly, erroneous or false.

(2) MERINT cancellations are to be handled in the same manner as the original MERINT report except that the first two words shall be "MERINT CANCEL" followed by the date and time of filing of the MERINT report being cancelled and, in brief, the information on which the cancellation is based.

c. Delayed Reports. - In the event a MERINT report cannot be made by radio, the Master is requested to report the details of the MERINT sightings to the appropriate Canadian or United States military authorities. If the port of arrival is outside of Canada or USA, the report is to be made to the nearest Canadian or US military or diplomatic representative in the area. This report should be submitted immediately upon arrival in port by any available means and should be in the format prescribed in paragraph 304. If photographs were taken and have not already been forwarded, they should be forwarded as indicated in paragraph 104 as soon as possible after reaching

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port.

306. Addressing.

a. Vessels.

(1) It is imperative that all MERINT reports reach the appropriate military commands as quickly as possible. The reports, therefore, shall be transmitted as soon as possible after the sighting. All Canadian or US vessels listed under paragraphs

102b(3), (4) and (5) are  
to transmit in plain language all MERINT reports to the nearest  
Canadian or US military  
government or commercial radio station, regardless of whether  
the vessel is Canadian or  
US registered.

(2) Naval vessels which intercept MERINT reports from merchant  
vessels shall copy the  
report and immediately relay EXACTLY AS RECEIVED to the  
appropriate Canadian  
of US Navy shore radio station with relay instructions.

b. Communications Stations. Communications stations (to include any  
commercial, government or military facility such as coastal marine radio  
station, telegraph office, naval or coast guard shore radio station or any other  
communications facility) receiving MERINT reports will immediately after  
receipting process the report as follows:

(1) Canadian or US commercial or government communications stations  
will handle  
MERINT reports received from either vessels or other  
communications stations by  
immediately forwarding them to a Canadian or US military fixed  
communication facility as  
prescribed by agreement with the appropriate military commander.

(2) US military fixed communications stations receiving MERINT  
reports on sightings in  
overseas areas will forward the report to the following  
addressees:

(a) Operating service commands of the area involved.

(b) Commander-in-Chief, North American Air Defense Command  
(CINCNORAD/IN),  
Ent AFB, Colorado Springs, Colorado.

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(c) Chief of Staff, United States Air Force (CSAF/IN),  
Washington, D.C.

(d) Commander-in-Chief, Strategic Air Command (CINCSAC), Offutt  
AFB, Nebraska.

{|}  
{|} (e) Chief of Naval Operations (OP-009/IP), Department of Navy,  
Washington, D.C.  
{|} 20350.  
{|}

{|} (f) Director, Naval Ocean Surveillance Information Center, 4301  
Suitland Road,  
{|} Washington, D.C. 20390.  
{|}

{|} (3) Canadian and US military fixed communications stations  
receiving MERINT reports  
{|} on sightings within the North American continent or within  
waters bordering the North  
{|} American continent will forward the report to the following  
addressees:

{|}  
 {|}  
 command or group.  
 {|}  
 {|} (a) Commander of the nearest joint air defense division,  
 {|}  
 {|} (b) Commander-in-Chief, North American Air Defense Command  
 {|} (CINCNORAD/IN), Ent AFB, Colorado Springs, Colorado.  
 {|} {101 Colonel By Drive,}  
 {|} (c) National Defence Headquarters,{^} Ottawa, Ontario, K1A 0K2  
 (Msg Address:  
 {|} NDHQ OTTAWA (For DGIS in the first line of text).  
 {|}  
 {|} (d) Air Command, Canadian Forces Base Winnipeg, Westwin, Man,  
 R2R OTO  
 {|} ([Msg] Address; AIRCOM WINNIPEG). {message}  
 {|}  
 {|} (e) Appropriate Antisubmarine Warfare Force Commander:  
 {|}  
 {|} 1. Commander Antisubmarine Warfare Force, US Atlantic  
 Fleet  
 {|} (COMASWFORLANT), Norfolk, Virginia.  
 {|}  
 {|} 2. Commander Third Fleet (COMTHIRDFLT).  
 {|}  
 {|} (f) Appropriate Fleet Commanders-in-Chief:  
 {|}  
 {|} 1. Commander-in-Chief, Atlantic Fleet (CINCLANTFLT),  
 Norfolk, Virginia.  
 {|}  
 {|} 2. Commander-in-Chief, Pacific Fleet (CINCPACFLT),  
 Makalapa, Hawaii.  
 {|}  
 {|} 3. Commander-in-Chief, US Navy Forces Europe  
 (CINCUSNAVEUR),  
 {|} London, United Kingdom.  
 {|}  
 {|} (g) Chief of Staff, United States Air Force, (CSAF),  
 Washington , D. C.

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(h) Commander, 22nd NORAD Region HQ, Canadian Forces Base North Bay,  
 Hornell Heights, Ont, POH 1PO, (Msg Address: 22ND NRHQ NORTH  
 BAY).

{|}  
 {|}  
 {|}

{Detachment Commander, AIRCOMHQ Detachment}

{|}

(i) [Air Defence Group Headquarters, CFB North Bay, Hornell Heights, Ont,  
 POH 1PO ([Msg] Address: ADGHQ NORTH BAY).



{|}  
{|}

{Message}

{|}

(j) Appropriate Maritime Commander in Command:

{|}  
{|}

1. [Commander] Maritime Command, FMO Halifax , NS, B3K 2X0, ([Msg]  
Address: MARCOMHQ HALIFAX).

{|}  
{|}  
{|}

{Message}

{|}

2. Maritime Forces Pacific, FMO Victoria, BC, VOS 1B0 (Message  
Address: MARPACHQ ESQUIMALT).

{|}  
{|}  
{|}

(k) Commander-in-Chief, Strategic Air Command (CINCSAC), Offutt AFB,  
Nebraska.

{|}  
{|}

(l) The operating service commands of an overseas area will be added as  
addressees if the direction of travel of the object is toward an overseas  
area.

{|}  
{|}

(m) Chief of Naval Operations (OP-009/IP), Department of the Navy,  
Washington, D.C. 20350.

{|}

{|}

(n) Director, Naval Ocean Surveillance Information Center, 4301 Suitland Road,  
Washington, D.C. 20390.

{|}

{|}

307. Acceptance of and Responsibility for MERINT Reports.

a. The following activities have responsibilities as follows:

{|}

(1) CINCNORAD or CMDR 22ND NRHQ NORTH BAY will review all MERINT

{|}

reports to ascertain that such reports have been addressed in  
accordance with paragraph

306 and forward reports to any omitted addressees in US and  
Canada respectively.

These headquarters are the normal points of contact between the  
two countries and are

responsible for passing MERINT reports of interest, including  
delayed reports, to each  
other.

(2) Canadian or United States military or diplomatic authorities in  
receipt of MERINT

reports will take the action indicated in paragraph 306 without  
delay by the most rapid  
means available.

(3) Chief of Staff, USAF, will disseminate MERINT reports to  
appropriate agencies in the

Washington, D.C. area except CNO.

(4) ADGHQ North Bay and the Canadian Maritime Commanders will be  
responsible for {|}

{|}

notifying Canadian Forces Headquarters in Ottawa concerning  
MERINT reports.

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{|}

(5) Fleet Commanders-in-Chief are responsible for timely  
notification of other military

{|}

authorities or Coast Guard commanders if the location of the  
reported contact

{|}

warrants such notifications.

b. Fixed and mobile military communications facilities and military  
personnel having occasion to handle MERINT reports must lend assistance in all  
cases required in expediting MERINT reports. All civilian facilities and  
personnel are also urged to do so. Maximum effort should be made by all persons  
handling MERINT reports to insure positive immediate delivery.

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The New York Times Archives

The Defense Department message bears the classification CONFIDENTIAL. "Subject: Suspicious Unknown Air Activity." Dated Nov. 11, 1975, it reads:

"Since 28 Oct 75 numerous reports of suspicious objects have been received at the NORAD COC [North American Air Defense Combat

Patrick Huyghe is a freelance writer in New York.

Operations Center]. Reliable military personnel at Loring AFB [Air Force Base], Maine, Wurtsmith AFB, Michigan, Malmstrom AFB, [Montana], Minot AFB, [North Dakota], and Canadian Forces Station, Falconbridge, Ontario, Canada, have visually sighted suspicious objects.

"Objects at Loring and Wurtsmith were characterized to be helicopters. Missile site personnel, security alert teams and Air Defense personnel at Malmstrom Montana reported object which sounded like a jet aircraft. FAA advised 'There were no jet aircraft in the vicinity.' Malmstrom search and height finder radars carried the object between 9,000 ft and 15,600 ft at a speed of seven knots. ...

F-106s scrambled from Malmstrom could not make contact due to darkness and low altitude. Site personnel reported the objects as low as 200 ft and said that as the interceptors approached the lights went out. After the interceptors had passed the lights came on again. One hour after the F-106s returned to base, missile site personnel reported the object increased to a high speed, raised in altitude and could not be discerned from the stars....

"I have expressed my concern to SAFOI [Air Force Information Office] that we come up soonest with a proposed answer to queries from the press to prevent overreaction by the public to reports by the media that may be blown out of proportion. To date efforts by Air Guard helicopters, SAC [Strategic Air Command] helicopters and NORAD F-106s have failed to produce positive ID." Though officials have long denied that they take 'flying saucers' seriously, declassified documents now reveal extensive Government concern over the phenomenon.

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Numerous daily updates kept the Joint Chiefs of Staff informed of these incursions by U.F.O.'s in the fall of 1975. Representatives of the Defense Intelligence Agency and the National Security Agency as well as a handful of other Government desks received copies of the National Military Command Center's reports on the incidents. One report said that an unidentified object "demonstrated a clear intent in the weapons storage area." Though Air Force records show that the C.I.A. was notified several times of these penetrations over nuclear missile and bomber bases, the agency has acknowledged only one such notification. Subsequent investigations by the Air Force into the sightings at Loring Air Force Base, Maine, where the remarkable series of events began, did not reveal a cause for the sightings.

Despite official pronouncements for decades that U.F.O.'s were nothing more than misidentified aerial objects and as such were no cause for alarm, recently declassified U.F.O. records from the C.I.A., the F.B.I. and other Federal agencies indicate that, ever since U.F.O.'s made their appearance in our skies in the 1940's, the phenomenon has aroused much serious behind-the-scenes concern in official circles. Details of the intelligence community's protracted obsession with the subject of U.F.O.'s have emerged over the past few years with the release of long-withheld Government records obtained through the Freedom of Information Act. Though these papers fail to resolve the U.F.O. enigma, they do manage to dispel many popular notions about the U.F.O. controversy, as well as give substance to a number of others. Official records now available appear to put to rest doubts that the Government knew more about U.F.O.'s than it has claimed over the past 32 years. From the start, it has been convinced that most U.F.O. sightings could be explained in terms of misidentified balloons, cloud formations, airplanes, ball lightning, meteors and other natural phenomena.

But the papers also show that the Government remains perplexed about the nagging residue of unexplained U.F.O. sightings, which amount to approximately 10 percent of all U.F.O. sightings reported. Do they pose a threat to national security? Are they just a funny-looking cover for an airborne Soviet presence? Even the possibility that these unknowns could be evidence of extraterrestrial visitations has been given serious attention in Government circles. While official interest in U.F.O.'s has long been thought to be strictly the concern of the Air Force, the bulk of whose records has been open to public view for nearly a decade, the recently released papers on U.F.O.'s indicate otherwise. The Departments of the Army, Navy, State and Defense, and the Defense Intelligence Agency, the National Security Agency, the Joint Chiefs of Staff, the F.B.I., the C.I.A. and even the Atomic Energy Commission produced U.F.O. records over the years. Many of these agencies still do, and many of their documents remain classified. But it is the C.I.A. that appears to have played the key role in the controversy, and may even be responsible for the Government's conduct in U.F.O. investigations throughout the

U.F.O.'s have been the province of the nation's intelligence community ever since the beginning of the cold war, when the notion took hold that some flying saucers might actually represent a secret, technologically advanced, foreign weapons system. "Every time we were concerned," recalls Herbert Scoville Jr., a former chief of the C.I.A.'s Office of Scientific Intelligence, "it was because

we wanted to know: Did the Russians do it?"

As the cold war gave rise to the fears of the McCarthy era, official concern over U.F.O.'s even led to the surveillance of several private U.F.O. organizations (as many of their members have long insisted) and to the scrutiny of dozens of individuals suspected of subversive U.F.O. activities. Perhaps most telling of all, the Government documents on U.F.O.'s reveal that despite official denials to the contrary, Federal agencies continue to monitor the phenomenon to this day.

The monumental task of unearthing the newest batch of records on U.F.O.'s from a bureaucracy that has for years denied their existence can be traced to the efforts of a handful of inquisitive individuals who, armed with the Freedom of Information Act, set off in the mid-70's on a paper chase of U.S. Government documents on U.F.O.'s. They include Bruce S. Maccabee, a Silver Spring, Md., physicist working for the Navy, who has managed to obtain the release of more than 1,200 pages of documents on U.F.O.'s from the F.B.I.; W. Todd Zechel of Prairie du Sac, Wis.; Robert Todd of Ardmore, Pa.; Larry W. Bryant of Arlington, Va.; and Brad C. Sparks, a student in astrophysics at Berkeley whose five-year pursuit of the C.I.A.'s U.F.O. file eventually provided the foundation for a ground-breaking Freedom of Information lawsuit filed by Ground Saucer Watch (G.S.W.), an Arizona-based U.F.O.

At the request of G.S.W. director William H. Spaulding, Peter Gersten, an attorney in the New York firm of Rothblatt, Rothblatt & Seijas, filed a civil action against the C.I.A. in December 1977 demanding all U.F.O. records in the agency's possession. The suit seemed to have achieved its goal when late last year the agency released about 900 documents — nearly 900 pages of memos, reports and correspondence that attest to the agency's long involvement in U.F.O. matters. But the civil action has not seen its final day in court. By Gersten's account, the agency has arbitrarily withheld documents, made deletions without merit, and failed to conduct a proper search for U.F.O. materials. The agency's current actions, he says, perpetuate its 30-year policy of deliberate deception and dishonesty about U.F.O.'s. "What has been released to us seems to have been rather carefully selected," says Gersten. "We suspect that the agency is withholding at least 200 more documents than the 57 they have admitted they are keeping from us to protect intelligence sources." Victor Marchetti, a former executive assistant to the agency's deputy director, agrees with Gersten. The entire exercise, Marchetti wrote recently in a magazine article, "has the same aroma of the agency's previous messy efforts to hide its involvement in drugs and mind-control operations, both prime examples of a successful intelligence cover-up."

The first sighting to be labeled a "flying saucer" by the press occurred on June 24, 1947, when an Idaho businessman flying his plane near Mount Rainier observed nine disc-shaped objects making undulating motions "like a saucer skipping over water." As early as World War II, Allied bomber pilots had told of "balls of light" that followed their flights over Japan and Germany. A U.S. Eighth Army investigation concluded that the of "mass hallucination."

These and other incidents were reported in a 1973 book by David Michael Jacobs, "The UFO Controversy in America," which until the recent release of Government documents was the most comprehensive reconstruction of the Government's U.F.O. involvement. When Scandinavians reported cigar-shaped objects in 1946, U.S. Army intelligence suspected that the Russians had developed a secret weapon with the help of German scientists from Peenemiinde. The C.I.A., then known as the Central Intelligence Group, secretly began keeping tabs on the subject. When the unknown objects returned to the skies, this time over the United States in the summer of 1947, the Army Air Force set out to determine what the objects were. Within weeks, Brig. Gen. George F. Schulgen of Army Air Corps Intelligence requested the F.B.I.'s assistance "in locating and questioning the individuals who first sighted the so-called flying discs...." Undoubtedly swayed by flaring cold-war tensions, Schulgen feared that "the first reported sightings might have been by individuals of Communist sympathies with the view to causing hysteria and fear of a secret Russian weapon." J. Edgar Hoover agreed to cooperate with "full access to discs recovered." The Air Force's behind-the-scenes interest contrasted sharply with its public stance that the objects were products of misidentifications and imaginative populace. A security lid was imposed on the subject in July 1947, hiding potentially "embarrassing situation" the following

month, when both the Air Force and the F.B.I. began suspecting they might actually be investigating our own secret weapons. High-level reassurances were obtained that this was not so.

By the end of the summer, the F.B.I. had "failed to reveal any indication of subversive individuals being involved in any of the reported sightings." A RESTRICTED Army letter that found its way to Hoover's desk said that the bureau's services actually had been enlisted to relieve the Air Forces "of the task of tracking down all the many instances which turned out to be ashcan covers, toilet seats and whatnot." Incensed, Hoover moved quickly to discontinue the bureau's U.F.O. investigations.

In September of that year, the Commanding General of the Army Air Force received letter from the Army Chief of Staff Lieut. Gen. Nathan F. Twining, saying that "the phenomenon reported is of something real and not visionary or fictitious," that the objects appeared to be disc-shaped, "as large as man-made aircraft," and "controlled either manually, automatically or remotely." At Twining's request, project "Sign" was established.

"Sign" failed to find any evidence that the objects were Soviet secret weapons and before long submitted an unofficial "Estimate of the Situation," classified TOP SECRET, which indicated that U.F.O.'s were of interplanetary origin. The estimate eventually reached Air Force Chief of Staff Gen. Hoyt S. Vandenberg, who rejected it for lack of proof. "Sign's" inconclusive final report remained classified for the next 12 years.

After "Sign," the Air Force continued to collect U.F.O. data under the code name "Grudge." This six-month project found no evidence of foreign scientific development and therefore no direct threat to national security. It did, however, stress that the reported sightings could be dangerous. "There are indications that the planned release of related psychological propaganda would cause a form of mass hysteria," the report stated. "Employment of these methods by or against an enemy would yield similar results ... governmental agencies interested in psychological warfare should be informed of the results of this study."

A press release following the termination of "Grudge" allowed the public to believe that the Air Force was no longer interested in U.F.O.'s. But the Air Force continued to collect reports through normal intelligence channels until a dramatic sighting of a U.F.O. at the Army Signal Corps radar center in Fort Monmouth, N.J., in 1951 led to the reactivation of "Grudge." The Air Force project was renamed "Blue Book" in 1952, a year that saw a record number of U.F.O. reports.

The situation got out of hand during the summer of 1952. On the morning of July 28, the Washington Post revealed that U.F.O.'s had been tracked on radar at Washington National Airport, the second such incident in a week. Reporters stormed Air Force headquarters in the Pentagon, where switchboards were jammed for days with U.F.O. inquiries. Military installations across the country handled such a volume of reports that "regular intelligence work had been affected," reported The New York Times.

These events prompted action at C.I.A. headquarters, apparently at a request "from the Hill." From the start, the agency's involvement was to be kept secret. An August 1 C.I.A. memo recommended that "no indication of C.I.A. interest or concern reach the press or public, in view of their probable alarmist tendencies to accept such interest as 'confirmatory' of the soundness of 'unpublished facts' in the hands of the U.S. Government."

The C.I.A.'s Office of Scientific Intelligence (O.S.I.) found that the Air Force's investigation of the U.F.O. phenomenon was not sufficiently rigorous to determine the exact nature of the objects in the sky. Neither did the Air Force deal adequately with the potential danger of U.F.O.-induced mass hysteria, or the fact that our air vulnerability was being seriously affected by the U.F.O. problem. O.S.I. chief H. Marshall Chadwell thought that our nation's defenses were running the increasing risk of false alert and, worse yet, "of falsely identifying the real as phantom." He suggested that a national policy be established "as to what should be told the public" and, furthermore, that immediate steps be taken to improve our current visual and electronic identification techniques so that "instant positive identification of enemy planes or missiles can be made." Ever vigilant, the C.I.A. was keeping an eye on the possibility that U.F.O.'s could be of Soviet origin.



By the winter of 1952, Chadwell had drafted National Security Council proposal calling on program to solve the problem of instant positive identification of U.F.O.'s. In a memo that accompanied the proposal, Chadwell urged that the reports be given "immediate attention." He thought that "sightings of unexplained objects at great altitudes and traveling at high speeds in the vicinity of major U.S. defense installations are of such nature that they are not attributable to natural phenomena or known types of aerial vehicles." He said that O.S.I. was proceeding with the establishment of a consulting group "of sufficient competence and stature to ... convince the responsible authorities in the community that immediate research and development on this subject must be undertaken."

But C.I.A. Director Gen. Walter B. Smith's interest apparently lay elsewhere. In a letter to the Director of the Psychological Strategy Board, he expressed a desire to discuss "the possible offensive and defensive utilization of these phenomena for psychological warfare purposes." Only later did Director Smith authorize recruiting an advisory committee of outside consultants.

The scientific panel met for four days beginning Jan. 14, 1953. Chaired by Dr. H.P. Robertson, an expert in physics and weapons systems, the panel essentially bestowed the scientific seal of approval on previously established official policy regarding U.F.O.'s. The distinguished panelists felt that all the sightings could be identified once all the data were available for a proper evaluation — in other words, the phenomena, according to the panel's report, were not "beyond the domain of present knowledge of physical sciences." Neither did the panelists find U.F.O.'s to be a direct threat to national security, though they believed that the volume of U.F.O. reports could clog military intelligence channels, precipitate panic, and lead defense personnel to ignore real indications of hostile action. The panel worried about Soviet manipulation of the phenomenon; that the reports could make the public vulnerable to "possible enemy psychological warfare." The real danger, they concluded, was the reports themselves.

Fearing that the myth of U.F.O.'s might lead to inappropriate actions by the American public, the panelists decided that a "broad educational program integrating efforts of all concerned agencies" must be undertaken. They sought to strip U.F.O.'s of their "aura of mystery" through this program of "training and 'debunking.'" "The program would result in the "proper recognition of unusually illuminated objects" and in a "reduction in public interest in 'flying saucers.'" "The panelists recommended that their mass-media program have as its advisers psychologists familiar with mass psychology and advertising experts, while Walt Disney Inc. animated cartoons and such personalities as Arthur Godfrey would help in the educational drive. To insure complete control over the situation, the panel members suggested that flying-saucer groups be "watched because of their potentially great influence on mass thinking if widespread sightings should occur. The apparent irresponsibility and the possible use of such groups for subversive purposes should be kept in mind."

The panel's recommendations called for nothing less than the domestic manipulation of public attitudes. Whether these proposals were acted upon, the C.I.A. will not say. But the report was circulated among the top brass at the Air Technical Intelligence Center, the C.I.A.'s Board of National Estimates (of which Hoover was a member), the C.I.A.'s bureau chiefs, the Secretary of Defense, the chairman of the National Security Resources Board, and the director of the Federal Civil Defense Administration, who eventually sent a representative to meet with C.I.A. officials in order to "implement the appropriate aspects of the Panel's Report as applicable to Civil Defense." The Government's efforts in the 50's and 60's to squelch public apprehension over U.F.O.'s went beyond debunking and even touched the fiber of constitutionally protected free speech. According to author David Michael Jacobs, in 1953 the Air Force pressured Look magazine into publishing disclaimers throughout an article by retired Maj. Donald E. Keyhoe entitled "Flying Saucers From Outer Space." Then again, in 1965, the Army — in a prepublication review denied clearance for a U.F.O.-related article by one of its employees, Larry W. Bryant, a technical editor, until he took the issue to court.

Meanwhile, the C.I.A. and the F.B.I. proceeded routinely in the surveillance of U.F.O. organizations and U.F.O. enthusiasts. People with U.F.O. interests were

checked out by the F.B.I. at the request of the C.I.A., the Air Force, or private citizens inquiring about possible subversive activities. None caused as much consternation as the case of Major Keyhoe and the organization he directed, the National Investigations Committee on Aerial Phenomena (NICAP). The C.I.A. appears to have had a protracted interest in NICAP, which was founded in 1956 and utilized by Keyhoe as an organizational tool for challenging the alleged Air Force cover-up on U.F.O.'s. Both the C.I.A. and the Air Force were upset by NICAP's wide-ranging influence. Its prestigious board of directors included, among others, Vice Adm. Roscoe Hillenkoetter, the first C.I.A. Director (1947-1950). "The Air Force representatives believe that much of the trouble ... with Major Keyhoe ... could be alleviated," states a C.I.A. memo dated May 16, 1958, "if the Major did not have such important personages as Vice Admiral R. H. Hillenkoetter, U.S.N. (Ret.) ... on the board. ..." The Air Force suggested that if the Admiral were shown the SECRET panel report he might understand and take "appropriate actions." Whether or not the Air Force got through to the admiral, Hillenkoetter

The 60's saw further C.I.A. interest in NICAP. After flurry of Washington-area sightings in 1965, the agency contacted NICAP about seeing some of its case files on the matter. Richard H. Hall, then NICAP assistant director, chatted with a C.I.A. agent in the NICAP office about the sightings, NICAP's methodology, and Hall's background. The agent's memo on the visit suggests that the C.I.A. had some role in mind for Hall, predicated upon his being granted a security clearance. Nothing apparently came of the suggestion. A later set of C.I.A. papers reveals an interest in NICAP's organizational structure and notes that "this group included some ex-C.I.A. and Defense Intelligence types who advise on investigative techniques and NICAP-Government relations." There are presently three former C.I.A. employees on the NICAP board of directors, including Charles Lombard, a congressional aide to Senator Barry Goldwater, who is himself a NICAP board member; and retired U.S. Air Force Col. Joseph Bryan III. Bryan feels, as he did back in 1959 when he joined the board, that U.F.O.'s are interplanetary. NICAP's current president is Alan Hall, a former C.I.A. covert employee for 30 years.

In 1966, mounting discontent from members of the press. Congress and the scientific community compelled the Air Force to commission an 18month scientific study of U.F.O.'s under the direction of Edward U. Condon, professor of physics at the University of Colorado. The politically expedient study, in which onethird of the 91 cases examined remained unidentified, reiterated official policy with one novel twist: U.F.O.'s "educationally harmed" schoolchildren who were allowed to use science study time to read books and magazine articles about U.F.O.'s. Condon wanted teachers to withhold credit from any student U.F.O. project. The Air Force took the cue and disbanded project "Blue Book" in 1969. Less than a decade later, the White House, perhaps in an attempt to make good Jimmy Carter's campaign promise to tell all about U.F.O.'s, suggested via science advisor Frank Press that possibly NASA could undertake a review of any significant new findings since Condon's study. NASA examined the offer, but saw no way to attack the problem on a scientific basis without physical evidence. They envisioned a public-relations nightmare if they were to accept such a project, and so rejected it. A frank, in-house evaluation of NASA's options, however, noted that a handsoff attitude only begged the question. So in good spirit, the space agency offered to examine any piece of physical evidence brought to its attention. That position led one Federal aviation official to comment: "If you get a piece of the thing, fine. But don't bother me with anything else."

These days, the Air Force admits to nothing more than a "transitory interest" in the phenomenon, although military directives still exist for reporting U.F.O.'s. The C.I.A. is still wary of the possibility that U.F.O.'s. may be of Soviet origin. "The agency's interest," says Katherine Pherson, a public-affairs officer for the C.I.A., "lies in its responsibility to forewarn principally of the possibility that a foreign power might develop a new weapons system that might exhibit phenomena that some might categorize as a U.F.O. But there is no program to actively collect information on U.F.O.'s." The agency's interest cannot be denied, however, as two 1976 memos reveal.

The first, dated April 26, states: "It does not seem that the Government has any formal program in progress for the identification/solution of the U.F.O."

phenomena. Dr. [name deleted] feels that the efforts of independent researchers, [phrase deleted], are vital for further progress in this area. At the present time, there are offices and personnel within the agency who are monitoring the U.F.O. phenomena, but again, this is not currently on an official basis." Another memo, dated July 14, and routed to the deputy chief in the Office of Development and Engineering, reads: "As you may recall, I mentioned my own interest in the subject as well as the fact that DCD [Domestic Collection Division] has been receiving U.F.O. related material from many of our S & T (Science and Technology) sources who are presently conducting related research. These scientists include some who have been associated with the Agency for years and whose credentials remove them from the 'nut' variety."

If nothing else, the success of the U.F.O. paper chase may have lent U.F.O.'s a measure of respectability that has eluded the subject for the past third of a century. Though it appears that no U.F.O. sighting has ever represented an airborne Soviet or foreign threat, the possibility that such an event could occur remains foremost in the coldwar-conscious Government mind. Should that threat come to pass, military officials believe, our nation's sophisticated defense system would know about it before someone getting a glass of milk in the middle of the night sees the threat hovering outside the kitchen window. Or so we are made to understand the Air Force's seemingly nonchalant advice to the public: "If you see a U.F.O. and you feel the situation warrants it, call your local police."

A version of this archives appears in print on October 14, 1979, on Page SM29 of the New York edition with the headline: U.F.O. FILES: THE UNTOLD STORY. Order Reprints| Today's Paper|Subscribe

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Why the French state has a team of UFO hunters

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An unidentified ring over Marseille

Image source,other

ByChris Bockman

Toulouse, France

Thousands of UFO sightings are reported every year but not many countries are willing to spend money investigating them - there is just one dedicated state-run team left in Europe. Is France onto something?

You don't need a time machine when you visit the French Space Centre headquarters in Toulouse - it's already a throwback to the 1970s. Green lawns sweep on to wide boulevards with stout long rectangular office blocks on either

side.

It's almost Soviet-style in the heart of southern France. There are few signs of life even though 1,500 people, most of them civil servants, work in boxy offices along narrow unappealing corridors.

France has the biggest space agency in Europe - the result of the 1960s space race and President Charles de Gaulle's grand determination to keep France independent of the US by building its own satellites, rocket launchers and providing elite space research.

An offshoot of all that - France is the only country in Europe to maintain a full-time state-run UFO (unidentified flying objects) department. There used to be one in the UK and another in Denmark but they closed down years ago due to budget cuts.

France's UFO unit consists of four staff, and about a dozen volunteers who get their expenses paid to go on site and look into reports of strange sightings in the skies.

Sketch of a UFO

Image caption,

A drawing from the files at the French UFO department

The team is called Geipan. That's a French acronym for Study Group and Information on Non-Identified Aerospace Phenomenon.

Its boss is Xavier Passot. Surrounded by dozens of books on UFOs, and stacks of documents, he tells me his mission is to be as transparent as possible about strange sightings and to follow up on each one that his team receives.

They publish their results on their website, external which gets 30,000 hits a month. The team receives, on average, two UFO sightings a day. The department insists an 11-page form is filled out for each one. The idea is to provide details including photographs where possible but also weed out jokers and time-wasters.

If someone claims to have seen strange lights in the skies, the UFO team might go online to see whether the observation took place on a flight path - it can trace commercial air traffic going back more than a week.

The team also has access to military flight paths and is in touch with the air force and air traffic controllers.

Sometimes if its staff are really intrigued by photos they have seen or if there have been several witnesses to the same sighting, they will call the local police to ask whether they can be considered credible.

They might even check with neighbours to see whether they were out drinking that night or perhaps smoking something other than cigarettes.

Passot says many of the people who get in touch are smokers, puffing away outside bars or their own homes at night, gazing at the stars.

One of the boxy offices houses yellowing archives going back to the 1950s. The papers I look at contain eerie accounts of strange things encountered in the skies by fighter pilots on routine reconnaissance missions.

Sketches of a UFO seen near Aucamville

For what it's worth and for those who suspect there's conspiracy afoot, Passot tells me he has never covered up a UFO sighting.

I take a look at some amazing photos of strange lights and circular forms caught on camera. One, taken by a motorist, of a white ring shape above Marseille is

particularly grabbing (the image at the top of this page). But the team figured that one out - it wasn't invaders from Mars, just the reflection of a small interior overhead light in the car.

In fact, the department can explain away nearly all these phenomena and, believe it or not, the most common culprits are Chinese lanterns sent up at night during parties. The investigators often telephone the local town hall to ask if, perhaps, there had been a wedding going on at the time.

Balloons and kites floating in the skies also get mistaken for alien craft, and space debris and falling meteorites giving off strange lights are more common than one might think.

line

More from the Magazine

Players pointing up at the sky

Image source, *Giornale del Mattino*

Sixty years ago a football match ground to a halt when unidentified flying objects were spotted above a stadium in Florence. Did aliens come to earth? If not, what were they?

The day UFOs stopped play

line

But there are around 400 UFO sightings going back to the 1970s that the French team cannot explain. One, an alleged flying saucer landing near Aix-en-Provence in 1981, they take very seriously - there were landing marks and multiple witnesses.

So are there really little green men? Well, the jury's out on the colour but there are many working here, as well as others around the world, who are convinced there is some life out there.

And does the use of French taxpayers' money on UFO research make sense, particularly in these times of budgetary constraint?

That probably depends on whether you just saw an alien and, in the words of those Ghostbusters, who you gonna call?

French space centre

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Undated handout photo issued by The National Archives of a photograph apparently showing a "UFO" by Stonehenge, Wiltshire, January 2009

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Lily looking at the camera over her shoulder in a black coat standing in front of a green background

Cynthia Erivo's journey from nativity play solo to MBE

Cynthia Erivo smiling at a Wicked: For Good event, she is wearing several diamond earrings and a diamond nose ring. Her head is shaved.

How does the UK honours system work?

The actor Stephen Fry kneels as King Charles places a sword on his left shoulder during his investiture at Windsor Castle on 25 March 2025.

Photographing the hidden world of slime mould

A close up image of some slime mould. The sporangium have red and white heads, and there are water droplets stuck to them.

Why did Edinburgh become the home of Hogmanay?

A black and white photo of people singing Auld Lang's Syne during New Year at the Tron, Edinburgh 1964.

How growing up in war really affects an 11-year-old

An image in black and white of young children sitting on the ground and looking up, one of them has a beard and moustache drawn on his face in pen

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France opens up its UFO files  
By New Scientist and Afp

22 March 2007

France became the first country to open its files on UFOs on Thursday when the national space agency unveiled a website documenting more than 1600 sightings spanning five decades.

The online archives, which will be updated as new cases are reported, catalogues in minute detail cases ranging from the easily dismissed to a handful that continue to perplex even hard-nosed scientists.

"It is a world first," says Jacques Patenet, the aeronautical engineer who heads the office for the study of "non-identified aerospacial phenomena."

Known as OVNI's in French, UFOs have always generated intense interest along with countless conspiracy theories about secretive government cover-ups of findings deemed too sensitive or alarming for public consumption.

"Cases such as the lady who reported seeing an object that looked like a flying roll of toilet paper" are clearly not worth investigating, says Patenet.

But many others involving multiple sightings - in at least one case involving thousands of people across France - and evidence such as burn marks and radar trackings showing flight patterns or accelerations that defy the laws of physics are taken very seriously.

No explanation

A phalanx of beefy security guards formed a barrier in front of the space agency (CNES) headquarters where the announcement was made, "to screen out uninvited UFOlogists," an official explained.

Of the 1600 cases registered since 1954, nearly 25% are classified as "type D", meaning that "despite good or very good data and credible witnesses, we are confronted with something we can't explain", Patenet says.

On 8 January 1981 outside the town of Trans-en-Provence in southern France, for example, a man working in a field reported hearing a strange whistling sound and seeing a saucer-like object about 2.5 metres in diameter land in his field about 50 metres away.

"It stayed for a few seconds then took off into the blue yonder without making a sound," says Patenet. When the GEIPAN team went to investigate they found burn marks in the soil suggesting that the object weighed a couple of hundred kilograms. "I have never been able to understand or explain that incident," says Patenet.

Flashing lights

The nearly 1000 witnesses who said they saw flashing lights in the sky on 5 November 1990, by contrast, had simply seen a rocket fragment falling back into Earth's atmosphere.

"We do not have the least proof that extra-terrestrials are behind the unexplained phenomena," says Patenet, adding: "Nor do we have the least proof that they aren't."

The online database should help scientists interested in studying the mysterious observations, he told New Scientist: "We also want to send a message to more scientists, inviting them to help us analyse these phenomena, when otherwise they might feel uneasy about these issues."

The CNES fields between 50 and 100 UFO reports every year, usually written up by police. Of these, 10% are the object of on-site investigations, Patenet says.

Other countries, notably Britain and the US, collect data more or less systematically about unidentified flying objects. In the US, information can be requested on a case-by-case basis under the Freedom of Information Act.

"But we decided to do it the other way around and made everything available to the public," Patenet says.

The aim was to make it easier for scientists and other UFO buffs to access the data for research. The website itself – which crashed host servers hours after it was unveiled due to heavy traffic – is extremely well organised and complete, even including scanned copies of police reports.

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The sketch drawn by Stefan Michalak of the UFO that he encountered near Falcon Lake in 1967

The sketch drawn by Stefan Michalak of the UFO that he encountered near Falcon Lake in 1967

[The Falcon Lake UFO Files](#)

October 31, 2019 –

On May 20, 1967, something happened in the wilderness around Falcon Lake, Manitoba, that has never been adequately explained. Stefan Michalak, an amateur geologist who liked to prospect in the wilderness around Falcon Lake, said he had been examining a quartz vein about noon that day when he was startled by geese suddenly agitated by something nearby. He said he looked up to see two saucer-shaped flying objects overhead, one of which descended and appeared to land about 45 metres away. He spent the next half-hour sketching the object then got brave enough to walk towards it. However, the object took off suddenly with a blast of hot gas, burning Michalak in the process. Later, radioactive debris was found at the site by military and RCMP investigators. Neither the RCMP nor

the Canadian Forces were able to explain the event.

Artefacts from the Falcon Lake UFO fonds  
Artefacts from the Falcon Lake UFO fonds

Chris Rutkowski (BSc/83, MEd/92), a prominent Canadian ufologist, will give a talk about this remarkable incident on November 7, 2019, at 7:00 pm, in Archives & Special Collections.

Rutkowski will be joined by Stefan's son Stan Michalak, who was nine years old when his dad had this encounter. During the event, for the first time ever, Stefan's shirt and hat that were burned during the event will be on public display.

The talk and presentation mark Rutkowski's donation to University of Manitoba Archives & Special Collections of his extensive personal collection and files on this case and other UFO sightings and related phenomena from across Canada. These include more than 20,000 separate UFO reports filed with various agencies since 1989, almost 10,000 Canadian government UFO documents, plus more than 1,000 books from Rutkowski's personal library on UFOs and related phenomena. Rutkowski's files on the Falcon Lake case will be part of this collection.

Rutkowski began investigating UFO sightings, researching and collecting materials in 1975, and since then has written and published about his studies and views on unusual phenomena. To date he has published 10 books on UFOs and related subject matter, focusing on the Canadian experience.

His voluminous collection of photos, research notes, reports, publications, ufozines, and other documents will be available to the public for the first time. Others can now re-examine firsthand accounts of these mysterious happenings, including where, when and how often these reports have been made.

"This unique and intriguing historical collection will greatly add to our understanding of the study of UFOs, and will attract students and researchers to study these phenomena for a whole range of reasons," says Shelley Sweeney, head, Archives & Special Collections. "It complements our extensive collection of psychical research and spiritualist archives and puts Winnipeg on the map as the preeminent destination for the study of the paranormal."

During this event, Archives will also be launching a crowdfunding project to support the digitization and maintenance of Rutkowski's collection, titled the UFOs in Canada Archival Fund. If you are interested in participating in this fund you may read more about it [here](#).

Alumni, Archives and Special Collections, campus community, Faculty and Staff, front and centre, Libraries, Philanthropy

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UM Libraries Library Essentials workshop series runs from January 13 - 22 and is designed to introduce students to essential research skills and library resources. These skills will set you up for success for the rest of your academic career and help you know exactly where to start with your upcoming papers.

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4 comments on "The Falcon Lake UFO Files"

rick – December 10, 2019 at 5:03 pm

I would like to look over the Falcon Lake Ufo research links...

Greg – March 24, 2020 at 9:33 pm

Does anyone know the Lat/Long of where in Falcon Lake this took place? Would love to investigate the area while I'm nearby.

Mike – June 27, 2020 at 9:46 pm

Hey Greg any luck with finding the gps locations of the site?

Jacob Choudhury – December 20, 2020 at 1:34 pm

No way was this a hallucination – he probably encountered an interdimensional phenomenon.

Comments have been closed.

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COPENHAGEN, Denmark, Jan. 30 (UPI) -- The Danish Air Force has released 329 pages of previously classified archives on UFO sightings, including details on more than 200 unsolved cases.

Capt. Thomas Pedersen said the military released the documents after growing weary of journalists asking questions about them, the Copenhagen Post reported Friday.

"We decided to publish the archives because frankly there is nothing really secret in them," Pedersen said. "The Air Force has no interest in keeping unusual sightings a secret. Our job is to maintain national security, not investigate UFOs."

The Air Force said the archives contain details of unexplained events occurring between 1978 and 2002, before the job of chronicling UFO sightings went to a group called Scandinavian UFO Information.

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KEARNEY, Mo., April 13 (UPI) -- A pair of police officers in Missouri climbed down a storm drain to rescue a baby fox that had become trapped.

Globs of butter from dairy plant pollute river in France  
Globs of butter from dairy plant pollute river in France

BRITTANY, France, April 13 (UPI) -- A river in France became inundated with large globs of butter after an industrial accident took place on Wednesday morning.

Young girl's small arms allow for rescue of eight trapped ducklings  
Young girl's small arms allow for rescue of eight trapped ducklings

LAGUNA HILLS, Calif., April 13 (UPI) -- A 6-year-old California girl put her small arms to good use by rescuing eight ducklings from a narrow drain pipe while her mother filmed.

New York man watches 94 hours of TV for Guinness record  
New York man watches 94 hours of TV for Guinness record

NEW YORK, April 13 (UPI) -- A binge-watching Brooklynite took in 94 consecutive hours of TV to break the Guinness record for longest marathon watching television.

Arial footage shows massive horde of seals on Cape Cod beach  
Arial footage shows massive horde of seals on Cape Cod beach

CAPE COD, Mass., April 13 (UPI) -- A Massachusetts man captured helicopter footage of a large group of seals resting on the shore of a beach in Cape Cod. Adorable owl rides on back of toy horse at Japanese cafe  
Adorable owl rides on back of toy horse at Japanese cafe

KOBE, Japan, April 13 (UPI) -- A tiny pet owl in Japan is rising to viral fame after showing off its equestrian skills by riding around a room on the back of a toy horse.

Traffic officer caught on camera moving cone before writing parking ticket  
Traffic officer caught on camera moving cone before writing parking ticket  
KINGSTON UPON HULL, England, April 13 (UPI) -- A British couple's parking ticket was canceled after their dashboard camera recorded a traffic officer moving a cone before writing the citation.

New Hampshire woman finds baby squirrel nest in car engine  
New Hampshire woman finds baby squirrel nest in car engine

PORTSMOUTH, N.H., April 13 (UPI) -- Animal control officers in New Hampshire rescued a nest full of baby squirrels after a local woman discovered them under the hood of her car.

Octopus escapes New Zealand aquarium through a drain hole  
Octopus escapes New Zealand aquarium through a drain hole

NAPIER, New Zealand, April 13 (UPI) -- An octopus at a New Zealand aquarium took advantage of a narrow opportunity to escape from its tank into the Pacific Ocean.

Clever crocodile steals catch from fisherman's line  
Clever crocodile steals catch from fisherman's line

DARWIN, Australia, April 13 (UPI) -- A pair of Australian fisherman tried to distract a hungry crocodile with a salmon, but the crafty croc came back to steal a larger fish from their line.

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[Jet in 'near miss' with UFO](#)

An airline pilot reports a close encounter with a UFO near Heathrow Airport which has baffled the aviation authorities

By Jasper Copping and Jaspercopping

05 January 2014 • 7:30am

The incident occurred while the A320 Airbus was cruising at 34,000ft, around 20 miles west of the airport, over the Berkshire countryside

The incident occurred while the A320 Airbus was cruising at 34,000ft, around 20 miles west of the airport, over the Berkshire countryside Credit: Photo: ALAMY

It was certainly a close encounter, but with precisely what remains a mystery.

An airline pilot has reported a near miss in which a “rugby ball”-shaped UFO passed within a few feet of his passenger jet while flying near Heathrow Airport.

The captain told the aviation authorities who have investigated the incident that he was certain the object was going to crash into his aircraft and ducked as it headed towards him.

The investigation has been unable to establish any earthly identity for the mysterious craft, which left the aircrew with no time to take evasive action.

The incident occurred while the A320 Airbus was cruising at 34,000ft, around 20 miles west of the airport, over the Berkshire countryside.

The captain spotted the object travelling towards the jet out of a left hand side, cockpit window, apparently heading directly for it.

A report into the incident states: “He was under the apprehension that they were on collision course with no time to react. His immediate reaction was to duck to the right and reach over to alert the FO (First Officer); there was no time to talk to alert him.”

It adds: “The Captain was fully expecting to experience some kind of impact with a conflicting aircraft.”

He told investigators he believes the object passes “within a few feet” above the jet.

He described it as being “cigar/rugby ball like” in shape, bright silver and apparently “metallic” in construction.

Once he had composed himself, he checked the aircraft’s instruments and contacted air traffic controllers to report the incident. However, there was no sign of the mystery craft.

The incident was investigated by the UK Airprox Board, which studies “near misses” involving aircraft in British airspace.

It checked data recordings to establish what other aircraft were in the area at the time, but eliminated them all from its quest to find out what had been responsible. It also ruled out meteorological balloons, after checking none were released in the vicinity. Toy balloons were also discounted, as they are not large enough to reach such heights. Military radar operators were also contacted but were unable to trace the reported object.

The sighting occurred in daylight, at around. 6.35pm on July 19. It has only

emerged now, following publication of the report, which concluded it was "not possible to trace the object or determine the likely cause of the sighting".

The report does not name the airline or flight involved. Even though it describes the aircraft as being "just to the west of Heathrow", aviation experts believe that at such an altitude it would be unlikely to have taken off from, or be preparing to land at, the west London airport.

Instead, the A320, which is popular with many carriers, among them British Airways and Virgin, is likely to have been travelling between a regional airport elsewhere in the UK, and another on the Continent. The aircraft typically carry about 150 passengers.

The Ministry of Defence closed its UFO desk in December 2009, along with its hotline for reporting such sightings. Following that change, the Civil Aviation Authority took the decision that it would continue to look into such reports, from aircrew and air traffic controllers, because they could have implications for "flight safety".

In 2012, the head of the National Air Traffic Control Services admitted staff detected around one unexplained flying object every month.

Dr David Clarke, a Sheffield Hallam academic and the UFO consultant for the National Archives, said: "The aviation authorities obviously think this is something they should continue to look into and if you are a regular air traveller, you are likely to agree."

Dr Clarke, a sceptic on UFO issues, said: "This latest sighting is interesting, because it is detailed and clear. These pilots don't file these reports for something and nothing. There was obviously something there."

Chris Yates, an aviation consultant, said: "Although we assume when these things happen, a UFO is responsible, there is usually an explanation that materialises at some point."

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Ministry of Defence releases final 'X Files' containing the truth about Britain's secret UFO investigations

Jasper Hamill

Jasper Hamill

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Comments

The MoD just released Britain's last UFO 'X Files'

Details of Westminster's probe into 'unexplained aerial phenomena' have been slowly making their way into the public domain over the past 11 years. (Image: Getty)

The Ministry of Defence has quietly released two final 'X Files' which detail the secrets of Britain's quest to understand the phenomenon of UFOs.

Over the past 11 years, the MoD has declassified 60,000 pages exposing the secrets of a government investigation into unexplained sightings over the UK.

In April, the last pair of files were published and made available to the public at the National Archives in Kew, where they must be viewed in person because they have not yet been digitised.

The latest files to be released do not contain a smoking gun which proves the existence of aliens, but they reveal fascinating aspects of investigators' attempt to understand the phenomenon.

They expose bitter arguments between a division that set the policy on UFOs and the Defence Intelligence Staff (DIS) resulting in a total breakdown of communications.

The team which set policy on UFOs was shown to be cautious and worried about what the public might think of a probe into unexplained aircraft spotted in the skies, whilst the DIS was more open-minded and called for further investigation into the mystery.

Nick Pope, a former MoD UFO investigator, has been studying the files and said they also demonstrate the UK's influence on the US, where 'bombshell revelations about the US Navy's encounters with UFOs have moved this subject out of the fringe and into the mainstream'.

He told Metro: 'These last two files are particularly fascinating and I can understand why sensitivities over their contents may have delayed their release.

'They show how a sceptic versus believer debate was raging at the MoD, with a total breakdown in relations between the division that set the policy on UFOs and the Defence Intelligence Staff (DIS), who provided the lead division with scientific and technical intelligence.

'This all happened a few years after I left, but the documents show the policy division - where I worked - being sceptical and overly-concerned about what the media and the public might think, while the DIS were more open-minded and wanted to conduct more in-depth research and investigation into the phenomenon.'

Ex-Ministry of Defence UFO investigator publishes novel so explosive it needed 'security clearance' Credit: David Howard/Flickr  
Nick Pope is a former defence insider who headed up the Ministry of Defence's UFO investigation department (Provider: David Howard/ Flickr)

A screenshot from a US Navy pilot's video of a 'Tic Tac' UFO seen in 2004  
In America, details of a secret research drive called AATIP are slowly being made public, revealing sightings of advanced aircraft as well as classified investigations into 'exotic technologies' including wormholes, antigravity, invisibility cloaking, warp drives and high energy laser weapons.

Investigators even explored the health 'consequences' of close encounters.

In the US, UFOs are now referred to as unexplained aerial phenomena (UAPs), a phrase the MoD coined in the 1990s.

Pope added: 'The recent release of the final British government UFO files couldn't have come at a better time. Interest in UFOs is at an all-time high.

'If people look at the MoD UFO files and the recent US revelations, one can easily see the UK influence.

'The most obvious sign of this is the fact that the US military now use the term 'UAP' in place of 'UFO'. We changed the terminology back in the Nineties, because 'UFO' was too loaded a term, with too much pop culture baggage.

'Using 'UAP' enabled us to escape from the science fiction connotations of 'UFO' and reframe the internal MoD debate about the phenomenon in terms of the defence and national security issue most of us believed it to be.

'This is exactly what the US military is doing now, and the US Navy in particular is trying to de-stigmatize the issue so that Navy pilots who encounter these mystery objects will make an official report, instead of staying silent, as most do at present.'

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Comet 3I/ATLAS streaks across a dense star field in this image captured by the Gemini Multi-Object Spectrograph (GMOS) on Gemini South at Cerro Pachón in Chile, one half of the International Gemini Observatory, partly funded by the U.S. National Science Foundation (NSF) and operated by NSF NOIRLab. This image is composed of exposures taken through four filters??? red, green, blue and ultraviolet. As exposures are taken, the comet remains fixed in the center of the telescope???s field of view. However, the positions of the background stars change relative to the comet, causing them to appear as colorful streaks in the final image. See a version of the image where the stars have been ???frozen??? here. These observations of Comet 3I/ATLAS were conducted during a Shadow the Scientists program hosted by NSF NOIRLab. A full recording of the session can be found here.

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Europe's X-Files

10/13/2009October 13, 2009

In the two years since the French made their top-secret UFO files public, more European nations have declassified documents. But the majority remain tight-lipped with a few refusing to even acknowledge the phenomenon.

<https://p.dw.com/p/K4WU>

A photo from an alleged UFO sighting in the UK, 1954

The declassified files have revealed many previously unknown casesImage:

picture-alliance/dpa

On August 4, 1990, an unidentified flying object was seen hovering in daylight near the town of Pitlochry in Scotland. Eyewitnesses stated that the diamond shaped object hung in the sky for about 10 minutes as two military aircraft made a series of low-level passes near it.

Almost three weeks later on August 24, hundreds of tourists and local residents observed formations of luminous spheres for over 30 minutes in the sky near the German city of Greifswald, located close to the coast of the Baltic Sea.

In November of that year, a triangular object was seen by numerous witnesses passing over Saint-Germain in the Champagne-Ardenne region of France. The object moved slowly at low altitude and emitted beams of light towards the ground before eventually speeding away.

All three events have many common factors, most notably that each one remains unexplained to this day. But one - the Greifswald incident - is the odd one out. This is because official documentation on the Pitlochry and Saint-Germain sightings collected by British and French governmental agencies are now available to the public after France and the UK took decisions to open up their UFO files.

Some of the truth is out there

The British and French governments are among a select few in Europe to have declassified previously top secret files and experts believe that, while they may currently be in the minority in revealing their documents, they are certainly not alone in having recorded sightings.

The Federal Archive in Ludwigsburg near StuttgartThe Federal Archive in Ludwigsburg near Stuttgart

Germany refuses to say whether it has any UFO filesImage: AP

"The French released their UFO files through their space agency in 2007, Britain is mid-way through a 3-4 year program of revealing theirs under the Freedom of Information Act, while the Norwegians and the Danes have already released some files as have the Italians," Nick Pope, a former investigator of UFO reports and sightings with the British MoD and an expert on the topic, told Deutsche Welle. "The UFO phenomenon is a global phenomenon; there are unquestionably sightings all around the world so all European countries will certainly have had UFO sightings."

Germany is one of the many European countries which have not declassified their UFO files. In fact, the German government refuses to even admit that it has any UFO files despite the fact that independent organizations record, on average, between 50 and 100 sightings a year in the skies over Germany.

Germany among those remaining silent on UFO phenomena

"Germany has a high level of UFO sightings," Robert Fleischer, the coordinator for the German Initiative for Exopolitics, told Deutsche Welle.

He said that, since 1974, over 500 so-called "real" UFO cases - reported sightings that, after careful consideration by specialized experts, cannot be

related to any conventional information - have been recorded.

"However, there has never been any official recognition by the German government relating to UFOs or UFO activity," Fleischer added. "So if the Germans were to open any files relating to UFOs, all we would find out is that they pass all their information to the Americans."

Most UFO cases reported over Germany were only revealed when US files were made public. Germany's lack of UFO research is possibly due to the fact that "the US assumed that role after the end of World War II, although the Germans have never officially acknowledged this or any interest in UFOs," he said.

European governments aware of unexplained sightings

So what do the files made public by the likes of France and Britain actually tell the public about the UFO phenomenon in Europe?

UFO, alienUFO, alien

The files don't claim to have proof of extra-terrestrial lifeImage: AP  
"What these files don't say is almost more important than what they do say," said Nick Pope. "What they don't say is that we have proof that any of these things are extra-terrestrial. What they do say is that European governments have consistently had these things reported to them, sometimes by reliable witnesses such as police officers and pilots."

Most of the sightings turn out to have conventional explanations, like the misidentification of all kinds of aeronautical and astronomical phenomena, but most European governments which have conducted investigations have found that about five percent of the cases cannot be explained, added Pope.

While neither Nick Pope nor Robert Fleischer could guarantee that the initial European declassifications would eventually pressure all EU governments into opening their files, they both agreed that the revelations made public by those countries willing to divulge information could only improve research into a phenomenon that they believe is an issue for every nation.

Partial declassification giving subject more credibility

"I think this disclosure will lead to a greater understanding of the UFO phenomenon," said Pope. "The release of these files shows that governments do have information and if they liaise with each other, we may get further down the line to explaining this mystery because they all have a little piece of the puzzle. Unfortunately liaison is not common in this field."

However, the declassification may be discrediting some common UFO myths and lend credibility to sighting claims.

"When you read about sightings in governmental files from all around Europe with testimonies from military pilots, commercial airline pilots, and radar reports which show these things performing maneuvers and speeds that are way beyond our capabilities, it changes the nature of the debate from an underground anomaly to a mainstream issue," said Pope, "and that has to be a good thing."

Author: Nick Amies

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[Scepticism set to scupper any chance of Union-led UFO research](#)

ARE we alone in the universe? If not, are we being visited by our intergalactic neighbours? Such questions, normally pondered following an excellent supper, when port and cigars are handed out and thoughts turn to philosophical matters, have once again appeared on the European Parliament's radar screen.

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March 17, 2004 5:00 pm CET

By James Drew

On 20 January, Union for Europe of the Nations (UEN) MEP Sebastiano Musumeci submitted a proposal concerning the "creation of a Community body for the study of unexplained atmospheric phenomena". In other words, unidentified flying objects (UFOs).

"For a long time now," Musumeci declared, "sightings...have been reported in all corners of the globe. Some of these phenomena...not only cause considerable perplexity but also fuel theories - so far lacking any foundation - on the probable existence of aliens."

The Italian MEP pointed out that the European Commission should pay special attention to the "serious study" by various European space centres and research establishments, "since these phenomena do not fall within the scope of individual member state competence".

"In the light of the above, would the Commission not consider it appropriate to promote and coordinate research and information on unexplained atmospheric phenomena at a Europe-wide level, possibly assigning this responsibility to a specialized and experienced body, such as [French government organization] Service d'Expertise des Phenomenes de Rentrées Atmosphériques (SEPRA) in Toulouse, or the European Space Agency?"

It is not the first time that such a recommendation has been put before EU institutions and, considering Belgium's previous history of remarkable (and well-documented) sightings, perhaps the question's most surprising characteristic is its rarity.

For at least eight months, beginning in October 1989, Belgium experienced near-daily sightings of large triangular-shaped UFOs. The sightings began near Eupen, close to the Dutch and German border, and then progressed steadily westward to Liège, Namur, Wavre, Mons and, finally, toward the French border.

Among the witnesses were nearly two hundred members and officers of the gendarmerie nationale as well as policemen, military and civilian pilots, air traffic controllers, meteorologists, aeronautical engineers and physicists.

Observers frequently described the objects as being "as big as a football field", "as big as, or bigger than, an aircraft carrier". An account also describes one "hovering for minutes at a time and [it would] pivot, turning 90 degrees and even 180 degrees" and then moving "too slowly to be a conventional aeroplane", before "accelerating so rapidly that it would be across the horizon in a second or two - and sometimes it would flash right back".

On 30-31 March 1990, Belgian Air Force (BAF) F-16 jets were scrambled to intercept the unknown intruders, their radar confirming the objects' ability to elude their pursuers by means of phenomenal manoeuvres, as evident on the radar tapes later released to the media. In *Vague d'OVNI sur la Belgique* (Wave of UFOs over Belgium), a two-volume text produced by Brussels-based research group Société Belge d'Etude des Phénomènes Spatiaux, retired deputy chief of the BAF, Major-General Wilfried De Brouwer, said: "The Air Force has arrived at the conclusion that a number of anomalous phenomena has been produced within Belgian airspace. The numerous testimonies of observations... reinforced by the [Air Force] reports of the night of 30-31 March, have led us to face the hypothesis that a certain number of unauthorized aerial activities have taken place."

These remarkable events led to a resolution being proposed by Belgian deputy Elio Di Rupo to the European Parliament in 1991. The assembly's committee on industry, external trade, research and energy held numerous meetings, chaired by Tullio Regge, an Italian Independent MEP and physicist. Di Rupo's intention was to bring about an all-European agency, run by the Commission and with a standing committee of experts from the member states, which would collate and analyze UFO reports from the military, scientific organizations and the general public.

In a report tabled in December 1993 - accepted unanimously by the committee - Regge proposed that SEPRA in Toulouse be given a statute enabling it to carry out inquiries throughout the EU. But the proposal to establish what might have become the European UFO observation centre attracted a great deal of ridicule in the media and the motion was defeated in early 1994.

In his report, Regge expressed considerable scepticism about the majority of UFO 'sightings', although he noted that "scientists still have a duty to continue researching into these events in order to arrive at a satisfactory explanation". Later, he emphasized that the proposal by the committee had focused on the

creation of a European evaluation centre within SEPRA, rather than on a study of the phenomena per se, but largely thanks to ridicule in the media – particularly in the UK – critics ignored this point.

"I was attacked by two UK Labour MEPs who probably hadn't even read the report," lamented the scientist. "I was accused of asking for money to do research into Father Christmas and things of this kind. They put obstacles in my path and this developed into a strong attack by the UK. I believe that Labour MEPs decided to attack this report for political reasons, just to make a fuss."

Almost certainly as a result of the ensuing ridicule, the-then European Parliament president Egon Klepschomitted the debate from its agenda on 21 January 1994.

Regge proposed a new text, but because the Parliament was approaching the end of session (owing to the election in June 1994) there was insufficient time to bring the proposal before the assembly's full session.

The reaction comes as no surprise to hardnosed investigators. Timothy Good, UK bestselling author of ufologists' 'bibles', such as *Beyond Top Secret* (1996) and *Unearthly Disclosure* (2000), one of the world's most highly regarded UFO experts, and a man inured, after 50 years of painstaking research, to sceptics' slings and arrows, believes that fear of mockery has held back serious debate on the issue for too long.

"No one wants to look foolish, least of all politicians," he told European Voice. "When faced with worldwide media that seems hell-bent on mocking any research, no matter how sober or well intentioned, it is hardly surprising that people become discouraged. I welcome Musumeci's proposal, but I fear that nothing will come of it."

His view is echoed by Nick Pope, who was responsible for the UK's Ministry of Defence (MoD) UFO research project from 1991-94: "Despite being interested in Musumeci's Parliamentary question concerning the study of unexplained atmospheric phenomena, I doubt the European Commission will accept the suggestion, despite the fact that coordinating research and investigation on a Union-wide basis seems like a very sensible idea.

"It is a great pity that the Commission does not promote and coordinate research into such matters.

"During my time at the MoD's UFO research project, we investigated several hundred sighting reports each year and, while most could be explained as misidentifications of known objects or phenomena, others appeared to defy any conventional explanation.

"Whatever the explanation for them, if there are things in our airspace that we do not understand, this raises a number of defence and flight safety issues."

Pope also agrees with Musumeci's point that "this is not an issue confined to any one member state".

"If we pool our data and work together on the problem, we stand a better chance of solving the mystery."

#### UFO sightings across Europe

1942-45: Allied pilots on bombing raids over Germany reported seeing unusual balls of lights and small metallic discs. Dubbed 'Foo Fighters', the Allies feared they were a new Nazi weapon. After the war it transpired that German air crew had seen them too, but were also unaware of their origin.

1946: Strange objects were seen over Norway, Sweden and Finland. UK and American intelligence took a close interest in sightings of these so-called ghost rockets, but no explanation was ever found.

1956: A series of UFO sightings took place over England, in August. Objects were tracked on radars at Royal Air Force (RAF) Lakenheath and RAF Bentwaters and the RAF scrambled two Venom fighters to try to intercept the object. One pilot said he saw the UFO, which eluded the jets.

1980: In December, United States Air Force personnel based at RAF Bentwaters and RAF Woodbridge in England reported seeing a landed UFO in Rendlesham Forest, in Suffolk. Radiation readings were taken from the landing site, assessed as being ten times the norm for the area.

1981: In January, a UFO was seen landing near the village of Trans-en-Provence in France. Unusual marks were found at the landing site and an analysis of the soil showed various anomalies.

1990: On 5 November a number of fast jets travelling from the UK to Germany were overtaken by a UFO as they were entering Dutch airspace. The pilots submitted an official report to the British Ministry of Defence.

1993: In March, a UFO flew over RAF Cosford and RAF Shawbury, seen by military personnel. A report was sent to UK Ministry of Defence.

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was loved and loathed in equal measure. Both sides have a point - director Michael Haneke has not been so aggressive since the nightmarish but hysterical Funny Games (1997). A disquieting tale of a nameless apocalypse that has reduced Europe to third-world poverty, and the capacity for cruelty revealed in the survivors, Le Temps...is not easy viewing.

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While most UFO photos and videos can individually be doubted, the overall body of evidence paints a far clearer picture than a photograph ever could.  
UFO: an anomalous technological flying object that humans likely didn't create.

This will be in two parts. In the first, I explain why genuine photos and videos of anything at all, which includes UFOs, would be guaranteed to contain some sort of imperfection or disqualifying feature within them. At the end, I share a list of ~500 photos. In the second, I put this into context with other examples of other kinds of evidence, such as declassified documents, governments officially admitting that UFOs are real and that they could be aliens, physical evidence, radar cases, etc.

If you find some sort of disqualifier within a case, such as in a photo, a video, a witness, or in the circumstances of the case, does that count as "failing to hold up to scrutiny?" It depends on how likely it is that a genuine photo or video would have one of these disqualifiers, and since so many such disqualifiers are out there (I cite 19 of them below), it seems to be guaranteed you'll find one anyway because you only have to pick one. The problem is that when a person cites such a disqualifier as good enough to dismiss the material as a hoax, they assume it's unlikely that such a thing will be present in genuine material. In fact, one of these is so likely to be found in genuine imagery, sometimes you can find two or more. This means that tons of genuine photos and videos have been incorrectly discredited. That doesn't mean that all of the material that has been discredited in this fashion is automatically true, but it does mean there is a lot of material that needs to be revisited based on these considerations. This also means genuine photos and videos of UFOs are just hiding in plain sight among all the fakes and misidentifieds, so this is quite the dilemma.

Once such a thing is discredited, depending on how compelling it seems that it was, this significantly reduces the visibility of it because nobody wants to

cite an "obvious hoax." It's then buried and forgotten. The only imagery everyone agrees is genuine are blurry dots in the sky, so that's what we focus on.

Here are 19 objections to dismiss UFO imagery that could each be present in genuine material, and I believe it is guaranteed that between 1-4 of them will be present in a single genuine photo or video:

Hobbies and occupations- The witness may be found to have a model-making hobby (that's how doubt was cast upon the 2007 Costa Rica video), a witness may be a VFX hobbyist like millions of other people, a special effects artist, (which happened to this video showing instantaneous acceleration in which one of the witnesses turned out to be a special effects artist who worked on a few alien movies), etc. Perhaps the witness has some kind of paranormal youtube channel. What are the odds such a person would capture the perfect ufo video? Impossible, must be a hoax. This means that the body of acceptable witnesses is already reduced based on the occupations and hobbies of those witnesses.

Resemblance to a prior hoax- If the UFO photo or video happens to resemble a prior hoax, that is also enough to discredit it, even though hoaxes are often based on witness descriptions and real events. After all, to make a hoax convincing, it has to look like the real thing. So many hoaxes have been created, the odds are not that low that a hoax will resemble a genuine event. This is how the Calvin UFO photo was debunked as a hoax inspired by a former hoax. This is also how the Flir 1 video was debunked as a CGI hoax (along with the fact that it first appeared on a German VFX website). In fact, it can also be the other way around. What if the video resembles a future hoax, as if somebody simply recreated it using CGI? That is apparently also enough to debunk it because this happened to the 2009 El Rosario footage here.

Resemblance to science fiction or art- The same problem above applies to science fiction and art. So much art and science fiction has been created, you are bound to find some that resembles some UFO sightings and photographs, then you can allege that the witness is a hoaxer who was inspired by that thing. In fact, this is such a big problem that an entire conspiracy subculture known as "predictive programming" arose from it because you can find so many pieces of fiction that resembles future events. This video, for example shows all of the fiction that predicted 9/11, sometimes quite accurately.

Resemblance to man made objects- It may be found that the object resembles a man made object, even though we have made quadrillions of objects of all shapes, colors, and sizes, and many of them have been photographed from a wide variety of angles and lighting conditions. Perhaps if it has just enough blurriness, or it's just far enough away, your brain can imagine the UFO being that object. This automatically reduces the acceptable appearance of what a real UFO photo or video should look like. The simpler the UFO shape is, the more likely it will very closely match a man made object. This is how the Rex Heflin photographs were discredited. It was found that Rex Heflin had a model train hobby, somewhat common for that era, and model train wheels very closely resemble the object in the photographs. This is also how the McMinnville UFO photographs were discredited. They very closely resemble a vehicle side view mirror. [note: they used a very poor, blurry upload of one of the photographs to compare to] This is also how the Calvin UFO photograph was debunked as an arrowhead.

In my opinion, these are most often an expected coincidence because you're likely to find such an object that closely resembles a UFO anyway because we've made quadrillions of things. Therefore, the compelling nature of discovering such a resemblance is a pure illusion and has nothing whatsoever to do with the authenticity of a photograph unless the UFO has such an intricate design that it makes discovering such a resemblance unlikely.

If you simply reverse image search some random model train wheel, you can find tons of things that resemble it as well, from a close resemblance all the way to not much resemblance at all. For any particular relatively simple-looking ufo in

a photo, at least one skeptic will reverse image search the right thing and will happen to locate an object that resembles it closely.

5) Not a perfect resemblance to man made objects, but you have wiggle room to assume alteration of the image- Even if the UFO in a photograph cannot be matched to a man made object, so many man made objects have been created, there will be at least one that closely resembles it, then you can assume the 'hoaxer' took that photograph and altered it in some fashion to make it look like a UFO. This is how the Calvin UFO photograph was discredited as a mountain. This is also how this extremely clear early 2000s UFO was discredited as a water tower.

6) Resemblance to a patent- even if you can't find an existing man made object that resembles a UFO, you can look through tons of patents. More than 1 million patents are granted every year globally, so of course you'll be able to explain away some UFO sightings as being examples of a particular patent even if it doesn't actually exist or doesn't still exist, and even if there is contradictory information in the UFO case that suggests it wasn't that device.

7) Date it was filmed, or date it was released- Perhaps the video film/release date happens to be April Fool's day, therefore it's an obvious joke. Perhaps it resembles a fireball and there happens to be a 5 day long meteor shower that the video fell under, or it happened to be filmed on the 4th of July or Memorial day. If the object is red/green, or it vaguely resembles a sled, perhaps it was filmed or released on Christmas or Christmas day. Between Christmas eve, Christmas day, July 4th, April Fool's day, Memorial day, and the dates of various meteor showers, rocket launches, and space debris reentries, you have a decent chance of discrediting a video just by pointing out the date.

8) Resemblance to astronomical or nature-made objects- it may be found that the UFO somewhat resembles an astronomical or nature-made thing, such as any number of bird species and bugs, or if the UFO is luminous, call it ball lightning, a star, Venus, or a firefly. If you exhausted the pool of quadrillions of man-made objects and still can't find anything to resemble the UFO, you still have these two pools of things to choose from.

9) Too shaky or too smooth- The video may either be too shaky or too smooth. This automatically reduces the acceptable shakiness of a UFO video. In reality, there is a wide spectrum of videos of everything out there, from perfectly smooth to extremely shaky.

10) Too blurry or too clear- It may either be too blurry, or too clear and therefore too good to be true. This automatically reduces the acceptable clarity or blurriness of a UFO video. In reality, there is a wide spectrum of videos of everything out there, from extremely blurry to extremely clear.

11) Proximity to military base, or resemblance to real or theoretical aircraft designs- Perhaps a military base is nearby because quite a lot of them exist, and you could say it's probably a military aircraft. This automatically reduces the acceptable locations of where a legitimate UFO photograph could be taken. And since so many theoretical aircraft designs have been created over the years, the odds are you'll be able to find one that resembles it. This resemblance is also how the Calvin photograph was debunked as a top secret aircraft.

12) Coincidentally behaves in a way reminiscent of CGI- If the UFO moves in a strange way as witnesses have described, then perhaps it's "obviously CGI." Then you ridicule the person who posted it so they learn their lesson. This automatically reduces the acceptable behavior depicted in a legitimate UFO video.

13) Suspicious origin or association- If the UFO video or photo was first uploaded to a popular, but discredited youtube channel, such as SecureTeam10, Thirdphase, etc because the witness wasn't very familiar with the subject and just chose the first popular channel they saw, this automatically reduces the acceptable likely websites or channels where it should first appear. This is

also how the Flir1 video was discredited as CGI. It was found that it first appeared on a German VFX company's website.

Even some of the most popular CGI youtube channels could have real videos on them. For example, Section51, which pumps out CGI videos constantly, hosts some of those, such as this one where a police helicopter actually did capture footage of something. The actual origin is here. Section51 unfortunately added their watermark to the video, which undoubtedly would cause some people to dismiss the video as a CGI hoax automatically. They did the same thing to the Costa Rica 2007 video and many others. This means that a bad association with a discredited character in ufology is not grounds for automatic dismissal.

14) The UFO is lit up or has lights on it- After all, why would an alien spaceship have lights? This automatically reduces the amount of acceptable videos to only those that weren't luminous, even though luminous UFOs go back at least to the 11th century. There are also very good reasons to assume UFOs could have lights.

15) Anonymity or new user -Due to ridicule and the fear of being labeled a dirty hoaxer, some UFO photos and videos are not going to come with a full witness name. This significantly reduces the amount of acceptable imagery of UFOs to only those that come with a full witness name. Similarly, a person who wants to upload a photo or video to social media might create a new account to do so. There are a lot of people who don't have a youtube, Reddit, or twitter account, but if they have a UFO video, there are fair odds they might create one specifically to post it. Therefore, anonymity or person being a new user are not characteristics that increase the odds that a person is a hoaxer. All it means is the person is rightly afraid of ridicule or they are new to a website.

16) It's just a photo- Perhaps a UFO photo, by some miracle, falls within each of those acceptable parameters and actually passes all of these tests despite all odds, which actually seems quite impossible to me, but let's assume it could happen. Then what? Oh, it's just a photo and photos are easier to fake, even though the average person takes photos of a range of other things, so they have fair odds to have chosen to just get a photo, especially if the event was fleeting. Must be a hoax.

17) Why not a confirmation video?- Perhaps a UFO video, by some miracle, falls within each of those acceptable parameters and actually passes all of these tests despite all odds, then what? Where is the confirmation video? Perhaps you won't consider a video plausible unless there is at least one other person who also took a video that is also acceptably blurry, acceptably shaky, has an acceptable occupation and hobby, etc, etc.

18) A troll later reuploads the video and labels it CGI, or fabricates information about it, such as date, location, etc to cause confusion.- This one was uploaded supposedly as "Wales, UK," no date, luminous saucer-like object releasing glowing balls And it's also Mooca District in São Paulo, Brazil on August 8, 2021 (I think that might be correct and this is the original source)

For another example, this triangle video was debunked because somebody uploaded a copy of it and labeled it CGI 8 months after the original upload. While I would agree that one looks like CGI, to my untrained eye at least, I'd like the real reason why it is, not an incorrect one.

19) There is some kind of obscure feature of the video or photo that is not widely known, and can be used as evidence of manipulation- For one example of this, in photography, bright lights can sometimes partially or entirely "wash out" objects in front of them, making it seem like the "CGI artist" messed up. I'm not a photography nerd, so please correct me if I'm using the wrong wording here. For instance, in this extremely clear photograph of a flying saucer, the lights appear to be partially in front of the tree limbs. You can find a lot of random photos online of this happening, such as these photos of trees with the sun in the background, and a search light that appears larger than it is.

And that's obviously not all of them.

Additional commentary, 500 photos, and reworking how to view UFO evidence:

The reality is that a genuine UFO photograph or video will be taken by an average person under average circumstances, and a coincidence or "disqualifying" factor of some kind is likely to be present anyway, so it could fall anywhere along a vast range of blurriness and shakiness, it may be anonymous, etc. A VFX hobbyist, a model maker, or a special effects artist is just as likely to take a video as anyone else who has a similarly popular occupation or hobby.

On some other similar subject, such as secret aircraft enthusiasts, if they capture a photograph of such a secret aircraft, far fewer skeptical people will be digging around in the circumstances of the case, the witness's life, and how the UFO looks to discredit the photograph, let alone some other subject, such as bird photography. This means that UFO cases receive far more scrutiny than is otherwise typical, and far less conclusive evidence is needed to cast doubt upon it. Only a single sliver of doubt is needed, even if at least one of these objections is guaranteed to be in genuine material anyway. Only after the existence of the UFO is proven and undeniable will the general public give each photograph the proper level of scrutiny that is typical of anything else, so I think after that point comes, we will have a lot of people asking why so many legitimate photos are coming out suddenly. We need proper, fair scrutiny, not picking out expected coincidences.

I want to propose that we stop thinking about photos and videos in this way. You don't have to put any faith in any photo or video. Rather, I think it is a better idea to look at the body of photos and videos overall from a bird's eye view, at least all of those that have not been conclusively debunked as mundane or hoaxes, and own up to it when you don't have a good enough debunk for a piece of evidence. Isolating a particular photo alone and then asking "does this prove that alien spaceships are real," or "what is more likely, a hoax or an alien spaceship" is simply the wrong way to go about it. Here are like 500 photos: Archive 1. Keep clicking 'next' to scroll through the archive, or mess around with the menu on the side to sort them. Archive 2, Archive 3, Archive 4, Archive 5, Archive 6. While I personally would not have chosen some of these photos in some of these archives as examples of what are probably genuine photos (I see a couple birds, an example of bokeh, etc), some of them are really clear shots depicting anomalous flying objects.

Other lines of evidence:

A) We also have quite a few officially-recorded leaked photos and videos of UFOs from various governmental bodies, the authenticity of which are not contested, some of which are easy to explain and some which aren't.

B) Declassified documents. There are tons of these out there, some quite interesting. For example, the 1947 Twining memo described the appearance and performance characteristics of flying discs, and stated that their conclusion was that the objects "are real, not visionary or fictitious."

C) Similarly to photos and videos, no single UFO whistleblower out there can by itself prove that "alien spaceships are real" because you can always say he theoretically could be a nut, but there have been way too many of them and much of their testimony is simply far too detailed to explain it as some kind of unfortunate misunderstanding. Hundreds of whistleblowers and leakers have come out. Don't follow and believe the claims of one single whistleblower because what if he's some disinformation agent or a charlatan? Instead, look at the body of that evidence as a whole and look for the signal.

D) Similarly, no single government officially declaring that UFOs are real by itself proves that UFOs are real. Or maybe it does, I don't know, but some governments have officially stated this already, and some have officially stated

that they could be extraterrestrial, yet we still perceive that the existence of the UFO has not been proven yet. Instead, look at the body of government admissions as a whole and ask yourself what that shows. Even the current US Director of National Intelligence and former CIA Director John Brennan hinted that the objects could be extraterrestrial.

E) Similarly, does any one particular historical UFO case (pre-1940s) by itself prove that UFOs are real? No, but they certainly add to the mountain of overwhelming evidence. Here are some examples of those historical cases.

F) There are apparently thousands of physical evidence cases out there. These could be landing trace cases, like tripod imprints or circular impressions in the grass. Some of them have been investigated by official government bodies. Example 1 and example 2. There are also cases in which the UFO caused some sort of effect on the witness, such as burns. For most of them, you could probably isolate it by itself and come up with a theoretical explanation for it, but overall, it's pretty obvious what's going on.

G) There are also radar-visual cases, such as this one. Cases involving both radar and visual sightings don't get enough attention. The 1952 DC flap is a pretty good one, as was the 1989-90 Belgium Wave.

H) Trained observer reports- the perceived quality of a report should factor in the occupation of a witness. While it's obvious that police officers, civilian pilots, and military pilots aren't always perfect, overall they would probably give more accurate testimony than an average civilian. Here I look at the reasons why civilian pilots and military pilots in particular make much better witnesses to UFOs.

I) Multiple witness cases- When the descriptions of sightings of the objects are far too detailed to explain it away, generally the only options left are to accept them as basically true or assume a conspiracy. Notice that all whistleblower testimony, trained observer testimony, and corroborated testimony is combined together into "just witness testimony/hearsay, which is unreliable." In reality, if a police officer sees someone performing a crime, then writes it down in a report and says "this person did X, Y, and Z," the vast majority of the time, it will be pretty accurate, especially if another officer's report corroborated it. To dismiss it all as 'just hearsay' is simply not how the world works. A close-up, detailed sighting is far different from a vague, distant light in the sky, so each case is different and has different amounts of corroborating evidence.

You don't have to find a singular, miraculous, possibly-impossible UFO video that passes every possible test to prove that UFOs exist. They exist because the body of evidence together demonstrates it. Consider a criminal case. If a lawyer really wanted to, he could argue that each and every piece of evidence you provide theoretically could be explained in some fashion, and even if it can't, it could have been some elaborate hoax and fabricated evidence, and all of the people who were there to see it are liars, and by itself each piece of evidence isn't undeniable proof. But if you build a case based on various kinds of evidence, such as testimonial evidence, whistleblowers, videos, photos, physical evidence, documents, etc, the conclusion is obvious.

Edit: added four more to the list, making it 19, fixing dead links.

322

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254

Comments Section

u/DeadTom83 avatar

DeadTom83

•

3y ago

I saw a craft warp across the sky several times. There's no going back for me,

there's no more maybe.

46

u/BlackShogun27 avatar  
BlackShogun27

•

3y ago

I was fully convinced when I took an intuitional guess that something was "there" in the night sky. My family was going inside after getting home and I stood their in my yard scanning the starry night sky. It was the first time in a while for me to actually give a damn and look up at the cosmos and study it's endless expanse. I always wondered if some of those stars up above were looking down at us. If some of them really weren't stars. I started pointing at different stars across the sky saying "gotcha" and "that one" like 7 times.

When nothing moved I was a lil disappointed but then I put some real effort into finding the false star. My family was all in except me so I had to hurry as to not raise suspicion or get jumped by a lurking drug fiend. I closed my eyes, cleared my foolish thoughts and did a short 360° spin in the front lawn. I suddenly stopped and pointed out into the sparkling void. I opened my eyes and audibly said to the star I landed on, "It's you." And I shit you not, that white "star" zipped away to the east so fast it basically disappeared into the night.

This happened last year and to this day, I believe whatever was piloting that UFO/UAP felt my human presence expose them and freaked out. Either that or I coincidentally spotted a camouflaged UFO repositioning itself. Either answer is honestly unbelievable but I saw what I saw ☹️

30

7sv3n7

•

3y ago

U realize ir takes awhile for your eyes to adjust but then u can start seeing satellites move, kinda sounds like that

8

2 more replies

2 more replies

ScoobySprouts

•

2y ago

Right. Me and a close friend saw a series of 7 red lights on the horizon, synchronously maneuver across the entire sky before they bunched up or lined up (from my line of sight), & vanished in the same fashion. It happened within a second, but one by one, poof poof poof poof poof poof poof and they were gone. We were both sober and have 20/20 eyesight. Like you said, "there's no more maybe" after what we saw.

4

u/armassusi avatar  
armassusi

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3y ago

Yeah I would hope people would stop asking for good, undeniable photos from the public. If it has to pass all those hurdles in addition of being an extremely rare event by itself, there will not be one that satisfies sufficiently and will be accepted by the majority of the doubters, it is an impossible task in such a huge sea of ambiguity. The latest debacle with the Calvin photo that is supported even by a staunch and known skeptic now, former RAF member and an university analysis in addition, pretty much proved it. No photo will suffice on



it's own and certainly will not be self evident. You need more than that.

Video would be better, but again, would face some of the same hurdles. Especially if it is not from a respected and rigorous source.

7

u/MKULTRA\_Escapee avatar

MKULTRA\_Escapee

OP

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3y ago

The worst part about this, which I had failed to mention in the above post, is the fact that random members of the public, such as myself, sometimes have such a difficulty with the authenticity/debunks of any particular photos/videos that it now creates a situation in which figuring out what's authentic is nearly impossible unless we give ourselves a very sophisticated education in various areas, whatever is needed in any particular situation. I'm not an optical physicist, video analyst, etc, and as you can see above, the debunks aren't often trustworthy either, so how am I supposed to know what's authentic, generally speaking? The debunkers have significantly overstepped here, casting doubt on all kinds of other debunks.

For all I know, this video is real, and it even has a second shot from another camera. And it's obviously the case, if you'll use the Flir1 "CGI hoax" debunk as a case study, that real videos can be debunked, buried, and forgotten, so how many are out there? They're difficult to find. Photo archives at least give you some idea of how many there are because that covers how many only have a photo as evidence, but it depends on how many you find to be legitimate. Video archives are obviously far more difficult to maintain.

And in the background of all of this, you also have hoards of people who keep constantly saying that the only photographic evidence of UFOs consists of blurry dots, gaslighting everyone into believing something that clearly isn't true.

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[deleted]

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3y ago

this is incredible. Thank you for this work! this helps keep an open mind each time we see something new.

14

megablockman

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3y ago

This is one of the best posts I've ever seen on reddit

10

u/RandyR29143 avatar

RandyR29143

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3y ago

Great work. Need to get this out to more people.

9

u/solarity52 avatar

solarity52

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3y ago

Very well said MK. Just too much evidence over too many years from too many sources for it all to be some variety of misunderstanding. Eliminate 99% and you still have quite a sizable pool of evidence to work with. I'm not a math major but I believe that the law of large numbers might have a role to play here.

52

20 more replies

ABK\_Clan

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3y ago

Very thoughtful write up, very important

7

DrestinBlack

•

3y ago

May I "hijack" your Post to entertain a question?

Tl:dr - what's the point of all that we all (believers and skeptics) do if the aliens won't communicate?

Let us just flat out drop the doubt and assume: aliens are visiting us and come to us in flying craft from somewhere outside our solar system. The how and where is unimportant. For this question let's agree to stick to "mainstream" reports and incidents and claims. Let us exclude the more racial claims and stick to:

Aliens fly interstellar spacecraft into our atmosphere, these are craft with crew. The craft are real, physical things. They fly around, in all kinds of ways and have various shapes and sizes, and do so as they will, at their whim. They appear anywhere they feel like it and they leave whenever they choose. They sometimes utilize various forms of stealth and other times they are plainly visible.

In those rare instances where an abduction occurs I am only including those where the abductees were returned unharmed. It's ok to include the phenomena of cattle mutilation and crop circles.

I hope all the above qualifies neatly the kinds of UFOs I'm talking about.

With all that in mind, consider something common to them all: these aliens are not making primary contact. They are not landing on the White House lawn, they are not allowing themselves to be easily photographed or recorded. They are not communicating with us via radio or "TV" and not responding to any signals we put out or our own attempts to call to or communicate with them.

What I'm really getting at: aliens in flying craft do exist but, even if sometimes visible, they do not seek to communicate with us in any meaningful way. They do not wish to establish contact with us. They visit us, observe and perhaps "investigate" us and then they fly away at their leisure. Agreed?

Hope you are still with me. Hope we agreed on the premise - and I sincerely believe it represents well over 99% of mainstream UFO incidents.

So... here is where I'm ultimately going with all this: Alien UFOs are useless.

Wait, before you just click downvote and dismiss me again, hear me out.

What good is it if we all just agree, Yup, alien visitors are real as are flying saucers. 100% real. No debate. So? So what? What does that change about our existence in any way shape or form?"

See if you can answer that question.

"We'll finally know life exists out there" - ok, so? We already assume it does, how does this change anything other than make the question moot.

"It proves FTL or (insert your favorite ufo tech) works" - So? Unless we're

shown how it works what good is it knowing someone else has it and we have no clue how to produce it ourselves.

Like I said, ask that question: what does the proof that aliens in UFOs exist matter if they refuse to contact and communicate with us?

I hope this produces a useful dialog - I'll probably be downvoted but I thought I'd try something new.

If this hijacking is inappropriate just say so and I'll delete.

6  
u/braveoldfart777 avatar  
braveoldfart777

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3y ago

What does they change about our existence in any way shape or form?"

6 Million people fly every day thinking the air that we fly in is void of anything that might cause harm or danger to Commercial, Military or Private Aircraft.

If UAP are flying around in Earths Atmosphere and can interfere with ANY aircraft during ANY flight be it electronically or air disturbances, that is a FLIGHT SAFETY issue and needs to be addressed by Congress and the DOD. Anything LESS than that is a Major concern and should not be ignored.

7  
DrestinBlack

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3y ago

Not ONCE in the History of FORVER has any UFO collided with ANY aircraft or ship or sub ANYWHERE on the planet or over and under the sea , or in orbit ... or on the moon even. Besides, I'm told they can travel through alternate dimensions and warp in and out of our reality as well as avoid breaking the sound barrier so not even our ears are at threat. And we're told they are capable of out maneuvering and out flying any craft anyone has ever produced in all history. I'd say we are quite safe from our alien buddies. Now, the deserts of New Mexico were at risk of crashes back in the late 40s but apparently they've got better at avoiding weather balloons it appears lol

5

9 more replies  
MrTacobeans

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3y ago

I feel like I'll bite on this...

You mention that knowing officially of their existence would change nothing and our history would stay the same. Maybe short term, yeah probably not gonna change much at all. But the simple fact of knowing there are real deal UAPs floating around the planet would definitely change society slowly.

Governments would likely organize publicly to begin to understand/research sightings and interactions, there would be investments across the board because even without direct interaction from the aliens. Humans are pretty decent at figuring stuff out. Visual data and behavior of the craft is a decent starting point that might lead to innovations. UAP don't need to interact with us directly for knowledge transfer to happen.

The biggest change that would happen by an official confirmation is open an

entire new field of study. Peeps now even without official proof are trying to seriously study UAP but most efforts seem outlandish, conspiracy based or peddling a hidden agenda. Avi Loeb seems to be my favorite example. Actual researcher with credentials but then you see some articles and some of the statements being made and cringe at the claims being made with no Schmutz to back it up. That's conspiracy not research. Not to discredit everything he does but some of his commentary is fishy...

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Suspicious-Stay-1623

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3y ago

I think what matters is not so much about if they exist, but more about the coverup issue. I feel like it wouldn't be hidden by governments unless the topic had some life changing aspect to it, or somebody is doing something illegal/nefarious, and if a politician or government worker or entity is lying to me, then that would change who I support.

3

u/expatfreedom avatar

expatfreedom

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3y ago

Great post MK! I have a small semantic issue I'd like to bring up. Do you think it would be useful to have a term like AUAP (anomalous UAP) or UUFO (Unexplained ufo) to mean a "ufo that's likely not made by humans"?

If we're going by that definition for ufo in this post, why do you think that the Calvine ufo is not manmade? In my opinion "proposing a possible prosaic explanation" doesn't mean that something is debunked.

The arrowhead is also definitely not "debunking" because it's not a good suggestion at all.

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4 more replies

drollere

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3y ago

i have to ask first of all if MKULTRA\_escapee plans to collect these long posts in a single place of collected opinions, because i find the work very credibly done and highly valuable, and would be sorry to see it all disappear into the slipstream of flare videos and lists of known alien species.

i disagree with the announced premise that UFO can best be described as an "anomalous technological flying object", and i claim this is a hypothesis wholly without physical justification as substantive crash remains and observationally wholly outside any reasonable limits of mass acceleration and all thermodynamic consequences of propulsion. this is anomalous technology, indeed.

you can add to those basic inconsistencies the many ways in which UFO do not behave in a way that can be described as a "technology", for example by spawning smaller UFO or splitting into two UFO (2013 AGUADILLA).

and the recent spate of trinary displays of equal lights in a roughly equilateral triangle formation illustrate some of the observed UFO behavior that appears without a technological function, or doing anything useful for a useful purpose.

in any case, i agree that useful skepticism can be misinterpreted as an attack on the witness, and i think any good faith examination of seven decades of evidence is more than sufficient to support the good faith conclusion that UFO are a real thing.

whether or not UFO are a real thing is a settled question and for that reason is secondary to the issue of UFO bias, which still has not been repudiated publicly by the DoD and evidently still impairs the collection of sighting reports from officer pilots and surveillance.

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[deleted]

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3y ago  
The Flir 1 video from ATS...of all people who debunked it, it was IsaacKoi. That's a damn shame. He is so highly respected.

3  
u/MKULTRA\_Escapee avatar  
MKULTRA\_Escapee  
OP

•

3y ago  
Yea, realizing that showed me nobody is perfect. Some of these debunks need experts in various fields to collaborate and confirm that the debunk is actually real, primarily statisticians because coincidences are so common among these. Nobody can be an expert in everything.

4  
[deleted]

•

3y ago  
This well thought-out contribution is and remains probably (unfortunately?) the best thing that can be summarized in this sub on the subject. I have often read it, copied it for my own archive and quoted from it in private circles.

Just today (2023-04-12 in Germany 😊) I come back to it again, I also follow your links and I am again very pleased with the clarity of your thoughts.

It's a pity that this sub is falling apart more and more and that this topic may also become transparent again for a long time and will disappear. The last of the money I spend on this Reddit for appreciation and encouragement goes towards my little award today for your work on this article.

You are special. It was my great pleasure!

3  
2 more replies  
Suspicious-Stay-1623

•

3y ago  
Thank you for this, really well thought out and organized. I'm going to copy the link for this and start using it to reply to people with unfounded debunk claims

3  
u/MKULTRA\_Escapee avatar  
MKULTRA\_Escapee  
OP

•

3y ago  
Probably half of the people will skim it and not understand the argument fully (I do the same sometimes, so I get it), so I have found that it's better to also provide some kind of TL;DR.

For instance, if you see somebody "debunk" a UFO photo by locating a similar man

made object and they argue it's close enough, find a few more similar things and ask them why they picked the first one. The easiest way to do this is to use a reverse image search. Sometimes it's finicky, so you have to mess around with different similar images to feed it. I would try first the UFO photo, and if that doesn't work, use the crop tool on the image search. If that doesn't work, reverse image search the similar man made thing or whatever they provided.

3

u/AristarcusRex avatar

AristarcusRex

•

3y ago

Thank you for putting the time in to share your expertise and all these links. Very cool. I agree with you that it is very hard to find something that everyone could agree is valid. Further, your categories are useful tools to aid in discussion.

This evidence issue is problematic not with just UFO's but with other things (global warming for example). People have different standards of evidence. People, many people I think, have motivated reasoning. And, I think we are all, to one degree or another, victims of half a century of ridicule of this subject. The default has come to be 'extraordinary claims require extraordinary evidence' and people have internalized that to mean various things, but overall it has shifted the burden of evidence to something that, to my mind, is essentially impossible to match. Live CNN and Fox coverage of a landing on the White House lawn would still find deniers. Your approach to look at things collectively seems, particularly in light of these issues, to be an appropriate one. Indeed, it's hard to think of another area that has this much data (of various sorts) that is still disputed. Great stuff.

17

u/MKULTRA\_Escapee avatar

MKULTRA\_Escapee

OP

•

3y ago

Yep. In other words, the bar has been set almost impossibly high. Perhaps the odds that a UFO will land on the white house lawn is simply not something that is likely to happen.

I really don't want to use this comparison, but it's the best I have right now. Obviously not all skeptics are like the moon landing deniers. Most of them are certainly not, but once upon a time I went through those websites attempting to debunk some of them because, to me, obviously the moon landing was real. There is simply too much evidence to show it. But I'm a layman in every area that would be required to debunk some of their arguments alleging they faked the videos. They've got countless photographs with red arrows and red circles and some of them do seem to bring up good points. However, I'm not an optical physicist or a photographic analyst, so I just had to shrug my shoulders to some of them.

What the "moon believer" enjoys in this instance is that actual experts spent time and debunked many of the moon hoaxter arguments somewhere eventually, plus they're on the right side of the ridicule machine, so that makes things easier. With UFOs, you don't really have that to the same degree. Of course Bruce Maccabee was an optical physicist, and there are some others, so he could address some of the issues in the more prominent cases, but there is a clear lack of expertise being used in this area generally, so I think there could very easily be a large body of photos, videos, and cases out there that have a very compelling, but ultimately incorrect debunk. So even the stuff that I would personally consider very compellingly debunked may not in fact be, but right now I just have to trust it because I have no other option.

On top of that, because of the sheer amount of ridicule on UFOs, it's obviously the case that some of the admitted hoaxes were actually real. It's definitely more than zero of them. I read in one of Keel's books, or maybe one of his magazine articles where he relays this story about a witness who deliberately went to a police station and told them they have to release a statement that it was a hoax to get people off their back. I have a post with information on false hoax confessions here as well.

So this is a very interesting situation we have here. The ability to figure out what specifically is genuine can be extremely difficult sometimes, so I think some people might find the bird's eye view approach a little easier to deal with.

16

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8

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The fact that we can't seem to get clear pictures of repeated drone incursions, leads credence to the fact that any genuine NHI UFOs encounters would them almost be impossible to photograph, and thus debunking the entire premise that cameras everywhere should equal clear photos of the phenomenon.

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youtu

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More than 100 Videos of UFOs in NASA broadcasts!  
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MKULTRA\_Escaper

While most UFO photos and videos can individually be doubted, the overall body  
of evidence paints a far clearer picture than a photograph ever could.  
UFO: an anomalous technological flying object that humans likely didn't create.

This will be in two parts. In the first, I explain why genuine photos and videos  
of anything at all, which includes UFOs, would be guaranteed to contain some  
sort of imperfection or disqualifying feature within them. At the end, I share a  
list of ~500 photos. In the second, I put this into context with other examples  
of other kinds of evidence, such as declassified documents, governments  
officially admitting that UFOs are real and that they could be aliens, physical  
evidence, radar cases, etc.

If you find some sort of disqualifier within a case, such as in a photo, a  
video, a witness, or in the circumstances of the case, does that count as  
"failing to hold up to scrutiny?" It depends on how likely it is that a genuine

photo or video would have one of these disqualifiers, and since so many such disqualifiers are out there (I cite 19 of them below), it seems to be guaranteed you'll find one anyway because you only have to pick one. The problem is that when a person cites such a disqualifier as good enough to dismiss the material as a hoax, they assume it's unlikely that such a thing will be present in genuine material. In fact, one of these is so likely to be found in genuine imagery, sometimes you can find two or more. This means that tons of genuine photos and videos have been incorrectly discredited. That doesn't mean that all of the material that has been discredited in this fashion is automatically true, but it does mean there is a lot of material that needs to be revisited based on these considerations. This also means genuine photos and videos of UFOs are just hiding in plain sight among all the fakes and misidentifieds, so this is quite the dilemma.

Once such a thing is discredited, depending on how compelling it seems that it was, this significantly reduces the visibility of it because nobody wants to cite an "obvious hoax." It's then buried and forgotten. The only imagery everyone agrees is genuine are blurry dots in the sky, so that's what we focus on.

Here are 19 objections to dismiss UFO imagery that could each be present in genuine material, and I believe it is guaranteed that between 1-4 of them will be present in a single genuine photo or video:

Hobbies and occupations- The witness may be found to have a model-making hobby (that's how doubt was cast upon the 2007 Costa Rica video), a witness may be a VFX hobbyist like millions of other people, a special effects artist, (which happened to this video showing instantaneous acceleration in which one of the witnesses turned out to be a special effects artist who worked on a few alien movies), etc. Perhaps the witness has some kind of paranormal youtube channel. What are the odds such a person would capture the perfect ufo video? Impossible, must be a hoax. This means that the body of acceptable witnesses is already reduced based on the occupations and hobbies of those witnesses.

Resemblance to a prior hoax- If the UFO photo or video happens to resemble a prior hoax, that is also enough to discredit it, even though hoaxes are often based on witness descriptions and real events. After all, to make a hoax convincing, it has to look like the real thing. So many hoaxes have been created, the odds are not that low that a hoax will resemble a genuine event. This is how the Calvine UFO photo was debunked as a hoax inspired by a former hoax. This is also how the Flir 1 video was debunked as a CGI hoax (along with the fact that it first appeared on a German VFX website). In fact, it can also be the other way around. What if the video resembles a future hoax, as if somebody simply recreated it using CGI? That is apparently also enough to debunk it because this happened to the 2009 El Rosario footage here.

Resemblance to science fiction or art- The same problem above applies to science fiction and art. So much art and science fiction has been created, you are bound to find some that resembles some UFO sightings and photographs, then you can allege that the witness is a hoaxer who was inspired by that thing. In fact, this is such a big problem that an entire conspiracy subculture known as "predictive programming" arose from it because you can find so many pieces of fiction that resembles future events. This video, for example shows all of the fiction that predicted 9/11, sometimes quite accurately.

Resemblance to man made objects- It may be found that the object resembles a man made object, even though we have made quadrillions of objects of all shapes, colors, and sizes, and many of them have been photographed from a wide variety of angles and lighting conditions. Perhaps if it has just enough blurriness, or it's just far enough away, your brain can imagine the UFO being that object. This automatically reduces the acceptable appearance of what a real UFO photo or video should look like. The simpler the UFO shape is, the more likely it will very closely match a man made object. This is how the Rex Heflin photographs were discredited. It was found that Rex Heflin had a model train hobby, somewhat

common for that era, and model train wheels very closely resemble the object in the photographs. This is also how the McMinnville UFO photographs were discredited. They very closely resemble a vehicle side view mirror. [note: they used a very poor, blurry upload of one of the photographs to compare to] This is also how the Calvine UFO photograph was debunked as an arrowhead.

In my opinion, these are most often an expected coincidence because you're likely to find such an object that closely resembles a UFO anyway because we've made quadrillions of things. Therefore, the compelling nature of discovering such a resemblance is a pure illusion and has nothing whatsoever to do with the authenticity of a photograph unless the UFO has such an intricate design that it makes discovering such a resemblance unlikely.

If you simply reverse image search some random model train wheel, you can find tons of things that resemble it as well, from a close resemblance all the way to not much resemblance at all. For any particular relatively simple-looking ufo in a photo, at least one skeptic will reverse image search the right thing and will happen to locate an object that resembles it closely.

5) Not a perfect resemblance to man made objects, but you have wiggle room to assume alteration of the image- Even if the UFO in a photograph cannot be matched to a man made object, so many man made objects have been created, there will be at least one that closely resembles it, then you can assume the 'hoaxer' took that photograph and altered it in some fashion to make it look like a UFO. This is how the Calvine UFO photograph was discredited as a mountain. This is also how this extremely clear early 2000s UFO was discredited as a water tower.

6) Resemblance to a patent- even if you can't find an existing man made object that resembles a UFO, you can look through tons of patents. More than 1 million patents are granted every year globally, so of course you'll be able to explain away some UFO sightings as being examples of a particular patent even if it doesn't actually exist or doesn't still exist, and even if there is contradictory information in the UFO case that suggests it wasn't that device.

7) Date it was filmed, or date it was released- Perhaps the video film/release date happens to be April Fool's day, therefore it's an obvious joke. Perhaps it resembles a fireball and there happens to be a 5 day long meteor shower that the video fell under, or it happened to be filmed on the 4th of July or Memorial day. If the object is red/green, or it vaguely resembles a sled, perhaps it was filmed or released on Christmas or Christmas day. Between Christmas eve, Christmas day, July 4th, April Fool's day, Memorial day, and the dates of various meteor showers, rocket launches, and space debris reentries, you have a decent chance of discrediting a video just by pointing out the date.

8) Resemblance to astronomical or nature-made objects- it may be found that the UFO somewhat resembles an astronomical or nature-made thing, such as any number of bird species and bugs, or if the UFO is luminous, call it ball lightning, a star, Venus, or a firefly. If you exhausted the pool of quadrillions of man-made objects and still can't find anything to resemble the UFO, you still have these two pools of things to choose from.

9) Too shaky or too smooth- The video may either be too shaky or too smooth. This automatically reduces the acceptable shakiness of a UFO video. In reality, there is a wide spectrum of videos of everything out there, from perfectly smooth to extremely shaky.

10) Too blurry or too clear- It may either be too blurry, or too clear and therefore too good to be true. This automatically reduces the acceptable clarity or blurriness of a UFO video. In reality, there is a wide spectrum of videos of everything out there, from extremely blurry to extremely clear.

11) Proximity to military base, or resemblance to real or theoretical aircraft designs- Perhaps a military base is nearby because quite a lot of them exist, and you could say it's probably a military aircraft. This automatically reduces

the acceptable locations of where a legitimate UFO photograph could be taken. And since so many theoretical aircraft designs have been created over the years, the odds are you'll be able to find one that resembles it. This resemblance is also how the Calvin photograph was debunked as a top secret aircraft.

12) Coincidentally behaves in a way reminiscent of CGI- If the UFO moves in a strange way as witnesses have described, then perhaps it's "obviously CGI." Then you ridicule the person who posted it so they learn their lesson. This automatically reduces the acceptable behavior depicted in a legitimate UFO video.

13) Suspicious origin or association- If the UFO video or photo was first uploaded to a popular, but discredited youtube channel, such as SecureTeam10, Thirdphase, etc because the witness wasn't very familiar with the subject and just chose the first popular channel they saw, this automatically reduces the acceptable likely websites or channels where it should first appear. This is also how the Flir1 video was discredited as CGI. It was found that it first appeared on a German VFX company's website.

Even some of the most popular CGI youtube channels could have real videos on them. For example, Section51, which pumps out CGI videos constantly, hosts some of those, such as this one where a police helicopter actually did capture footage of something. The actual origin is here. Section51 unfortunately added their watermark to the video, which undoubtedly would cause some people to dismiss the video as a CGI hoax automatically. They did the same thing to the Costa Rica 2007 video and many others. This means that a bad association with a discredited character in ufology is not grounds for automatic dismissal.

14) The UFO is lit up or has lights on it- After all, why would an alien spaceship have lights? This automatically reduces the amount of acceptable videos to only those that weren't luminous, even though luminous UFOs go back at least to the 11th century. There are also very good reasons to assume UFOs could have lights.

15) Anonymity or new user -Due to ridicule and the fear of being labeled a dirty hoaxer, some UFO photos and videos are not going to come with a full witness name. This significantly reduces the amount of acceptable imagery of UFOs to only those that come with a full witness name. Similarly, a person who wants to upload a photo or video to social media might create a new account to do so. There are a lot of people who don't have a youtube, Reddit, or twitter account, but if they have a UFO video, there are fair odds they might create one specifically to post it. Therefore, anonymity or person being a new user are not characteristics that increase the odds that a person is a hoaxer. All it means is the person is rightly afraid of ridicule or they are new to a website.

16) It's just a photo- Perhaps a UFO photo, by some miracle, falls within each of those acceptable parameters and actually passes all of these tests despite all odds, which actually seems quite impossible to me, but let's assume it could happen. Then what? Oh, it's just a photo and photos are easier to fake, even though the average person takes photos of a range of other things, so they have fair odds to have chosen to just get a photo, especially if the event was fleeting. Must be a hoax.

17) Why not a confirmation video?- Perhaps a UFO video, by some miracle, falls within each of those acceptable parameters and actually passes all of these tests despite all odds, then what? Where is the confirmation video? Perhaps you won't consider a video plausible unless there is at least one other person who also took a video that is also acceptably blurry, acceptably shaky, has an acceptable occupation and hobby, etc, etc.

18) A troll later reuploads the video and labels it CGI, or fabricates information about it, such as date, location, etc to cause confusion.- This one was uploaded supposedly as "Wales, UK," no date, luminous saucer-like object releasing glowing balls And it's also Mooca District in São Paulo, Brazil on

August 8, 2021 (I think that might be correct and this is the original source)

For another example, this triangle video was debunked because somebody uploaded a copy of it and labeled it CGI 8 months after the original upload. While I would agree that one looks like CGI, to my untrained eye at least, I'd like the real reason why it is, not an incorrect one.

19) There is some kind of obscure feature of the video or photo that is not widely known, and can be used as evidence of manipulation- For one example of this, in photography, bright lights can sometimes partially or entirely "wash out" objects in front of them, making it seem like the "CGI artist" messed up. I'm not a photography nerd, so please correct me if I'm using the wrong wording here. For instance, in this extremely clear photograph of a flying saucer, the lights appear to be partially in front of the tree limbs. You can find a lot of random photos online of this happening, such as these photos of trees with the sun in the background, and a search light that appears larger than it is.

And that's obviously not all of them.

Additional commentary, 500 photos, and reworking how to view UFO evidence:

The reality is that a genuine UFO photograph or video will be taken by an average person under average circumstances, and a coincidence or "disqualifying" factor of some kind is likely to be present anyway, so it could fall anywhere along a vast range of blurriness and shakiness, it may be anonymous, etc. A VFX hobbyist, a model maker, or a special effects artist is just as likely to take a video as anyone else who has a similarly popular occupation or hobby.

On some other similar subject, such as secret aircraft enthusiasts, if they capture a photograph of such a secret aircraft, far fewer skeptical people will be digging around in the circumstances of the case, the witness's life, and how the UFO looks to discredit the photograph, let alone some other subject, such as bird photography. This means that UFO cases receive far more scrutiny than is otherwise typical, and far less conclusive evidence is needed to cast doubt upon it. Only a single sliver of doubt is needed, even if at least one of these objections is guaranteed to be in genuine material anyway. Only after the existence of the UFO is proven and undeniable will the general public give each photograph the proper level of scrutiny that is typical of anything else, so I think after that point comes, we will have a lot of people asking why so many legitimate photos are coming out suddenly. We need proper, fair scrutiny, not picking out expected coincidences.

I want to propose that we stop thinking about photos and videos in this way. You don't have to put any faith in any photo or video. Rather, I think it is a better idea to look at the body of photos and videos overall from a bird's eye view, at least all of those that have not been conclusively debunked as mundane or hoaxes, and own up to it when you don't have a good enough debunk for a piece of evidence. Isolating a particular photo alone and then asking "does this prove that alien spaceships are real," or "what is more likely, a hoax or an alien spaceship" is simply the wrong way to go about it. Here are like 500 photos: Archive 1. Keep clicking 'next' to scroll through the archive, or mess around with the menu on the side to sort them. Archive 2, Archive 3, Archive 4, Archive 5, Archive 6. While I personally would not have chosen some of these photos in some of these archives as examples of what are probably genuine photos (I see a couple birds, an example of bokeh, etc), some of them are really clear shots depicting anomalous flying objects.

Other lines of evidence:

A) We also have quite a few officially-recorded leaked photos and videos of UFOs from various governmental bodies, the authenticity of which are not contested, some of which are easy to explain and some which aren't.

B) Declassified documents. There are tons of these out there, some quite

interesting. For example, the 1947 Twining memo described the appearance and performance characteristics of flying discs, and stated that their conclusion was that the objects "are real, not visionary or fictitious."

C) Similarly to photos and videos, no single UFO whistleblower out there can by itself prove that "alien spaceships are real" because you can always say he theoretically could be a nut, but there have been way too many of them and much of their testimony is simply far too detailed to explain it as some kind of unfortunate misunderstanding. Hundreds of whistleblowers and leakers have come out. Don't follow and believe the claims of one single whistleblower because what if he's some disinformation agent or a charlatan? Instead, look at the body of that evidence as a whole and look for the signal.

D) Similarly, no single government officially declaring that UFOs are real by itself proves that UFOs are real. Or maybe it does, I don't know, but some governments have officially stated this already, and some have officially stated that they could be extraterrestrial, yet we still perceive that the existence of the UFO has not been proven yet. Instead, look at the body of government admissions as a whole and ask yourself what that shows. Even the current US Director of National Intelligence and former CIA Director John Brennan hinted that the objects could be extraterrestrial.

E) Similarly, does any one particular historical UFO case (pre-1940s) by itself prove that UFOs are real? No, but they certainly add to the mountain of overwhelming evidence. Here are some examples of those historical cases.

F) There are apparently thousands of physical evidence cases out there. These could be landing trace cases, like tripod imprints or circular impressions in the grass. Some of them have been investigated by official government bodies. Example 1 and example 2. There are also cases in which the UFO caused some sort of effect on the witness, such as burns. For most of them, you could probably isolate it by itself and come up with a theoretical explanation for it, but overall, it's pretty obvious what's going on.

G) There are also radar-visual cases, such as this one. Cases involving both radar and visual sightings don't get enough attention. The 1952 DC flap is a pretty good one, as was the 1989-90 Belgium Wave.

H) Trained observer reports- the perceived quality of a report should factor in the occupation of a witness. While it's obvious that police officers, civilian pilots, and military pilots aren't always perfect, overall they would probably give more accurate testimony than an average civilian. Here I look at the reasons why civilian pilots and military pilots in particular make much better witnesses to UFOs.

I) Multiple witness cases- When the descriptions of sightings of the objects are far too detailed to explain it away, generally the only options left are to accept them as basically true or assume a conspiracy. Notice that all whistleblower testimony, trained observer testimony, and corroborated testimony is combined together into "just witness testimony/hearsay, which is unreliable." In reality, if a police officer sees someone performing a crime, then writes it down in a report and says "this person did X, Y, and Z," the vast majority of the time, it will be pretty accurate, especially if another officer's report corroborated it. To dismiss it all as 'just hearsay' is simply not how the world works. A close-up, detailed sighting is far different from a vague, distant light in the sky, so each case is different and has different amounts of corroborating evidence.

You don't have to find a singular, miraculous, possibly-impossible UFO video that passes every possible test to prove that UFOs exist. They exist because the body of evidence together demonstrates it. Consider a criminal case. If a lawyer really wanted to, he could argue that each and every piece of evidence you provide theoretically could be explained in some fashion, and even if it can't, it could have been some elaborate hoax and fabricated evidence, and all of the



people who were there to see it are liars, and by itself each piece of evidence isn't undeniable proof. But if you build a case based on various kinds of evidence, such as testimonial evidence, whistleblowers, videos, photos, physical evidence, documents, etc, the conclusion is obvious.

Edit: added four more to the list, making it 19, fixing dead links.

322

.

254

Comments Section

u/DeadTom83 avatar

DeadTom83

•

3y ago

I saw a craft warp across the sky several times. There's no going back for me, there's no more maybe.

46

u/BlackShogun27 avatar

BlackShogun27

•

3y ago

I was fully convinced when I took an intuitional guess that something was "there" in the night sky. My family was going inside after getting home and I stood there in my yard scanning the starry night sky. It was the first time in a while for me to actually give a damn and look up at the cosmos and study it's endless expanse. I always wondered if some of those stars up above were looking down at us. If some of them really weren't stars. I started pointing at different stars across the sky saying "gotcha" and "that one" like 7 times.

When nothing moved I was a lil disappointed but then I put some real effort into finding the false star. My family was all in except me so I had to hurry as to not raise suspicion or get jumped by a lurking drug fiend. I closed my eyes, cleared my foolish thoughts and did a short 360° spin in the front lawn. I suddenly stopped and pointed out into the sparkling void. I opened my eyes and audibly said to the star I landed on, "It's you." And I shit you not, that white "star" zipped away to the east so fast it basically disappeared into the night.

This happened last year and to this day, I believe whatever was piloting that UFO/UAP felt my human presence expose them and freaked out. Either that or I coincidentally spotted a camouflaged UFO repositioning itself. Either answer is honestly unbelievable but I saw what I saw 🙄

30

7sv3n7

•

3y ago

U realize it takes awhile for your eyes to adjust but then u can start seeing satellites move, kinda sounds like that

8

2 more replies

2 more replies

ScoobySprouts

•

2y ago

Right. Me and a close friend saw a series of 7 red lights on the horizon, synchronously maneuver across the entire sky before they bunched up or lined up (from my line of sight), & vanished in the same fashion. It happened within a

second, but one by one, poof poof poof poof poof poof poof and they were gone. We were both sober and have 20/20 eyesight. Like you said, "there's no more maybe" after what we saw.

4

u/armassusi avatar  
armassusi

•

3y ago

Yeah I would hope people would stop asking for good, undeniable photos from the public. If it has to pass all those hurdles in addition of being an extremely rare event by itself, there will not be one that satisfies sufficiently and will be accepted by the majority of the doubters, it is an impossible task in such a huge sea of ambiguity. The latest debacle with the Calvine photo that is supported even by a staunch and known skeptic now, former RAF member and an university analysis in addition, pretty much proved it. No photo will suffice on it's own and certainly will not be self evident. You need more than that.

Video would be better, but again, would face some of the same hurdles. Especially if it is not from a respected and rigorous source.

7

u/MKULTRA\_Escapee avatar  
MKULTRA\_Escapee

OP

•

3y ago

The worst part about this, which I had failed to mention in the above post, is the fact that random members of the public, such as myself, sometimes have such a difficulty with the authenticity/debunks of any particular photos/videos that it now creates a situation in which figuring out what's authentic is nearly impossible unless we give ourselves a very sophisticated education in various areas, whatever is needed in any particular situation. I'm not an optical physicist, video analyst, etc, and as you can see above, the debunks aren't often trustworthy either, so how am I supposed to know what's authentic, generally speaking? The debunkers have significantly overstepped here, casting doubt on all kinds of other debunks.

For all I know, this video is real, and it even has a second shot from another camera. And it's obviously the case, if you'll use the Flir1 "CGI hoax" debunk as a case study, that real videos can be debunked, buried, and forgotten, so how many are out there? They're difficult to find. Photo archives at least give you some idea of how many there are because that covers how many only have a photo as evidence, but it depends on how many you find to be legitimate. Video archives are obviously far more difficult to maintain.

And in the background of all of this, you also have hoards of people who keep constantly saying that the only photographic evidence of UFOs consists of blurry dots, gaslighting everyone into believing something that clearly isn't true.

10

[deleted]

•

3y ago

this is incredible. Thank you for this work! this helps keep an open mind each time we see something new.

14

megablockman

•

3y ago

This is one of the best posts I've ever seen on reddit

10

u/RandyR29143 avatar

RandyR29143

•

3y ago

Great work. Need to get this out to more people.

9

u/solarity52 avatar

solarity52

•

3y ago

Very well said MK. Just too much evidence over too many years from too many sources for it all to be some variety of misunderstanding. Eliminate 99% and you still have quite a sizable pool of evidence to work with. I'm not a math major but I believe that the law of large numbers might have a role to play here.

52

20 more replies

ABK\_Clan

•

3y ago

Very thoughtful write up, very important

7

DrestinBlack

•

3y ago

May I "hijack" your Post to entertain a question?

Tl:dr - what's the point of all that we all (believers and skeptics) do if the aliens won't communicate?

Let us just flat out drop the doubt and assume: aliens are visiting us and come to us in flying craft from somewhere outside our solar system. The how and where is unimportant. For this question let's agree to stick to "mainstream" reports and incidents and claims. Let us exclude the more racial claims and stick to:

Aliens fly interstellar spacecraft into our atmosphere, these are craft with crew. The craft are real, physical things. They fly around, in all kinds of ways and have various shapes and sizes, and do so as they will, at their whim. They appear anywhere they feel like it and they leave whenever they choose. They sometimes utilize various forms of stealth and other times they are plainly visible.

In those rare instances where an abduction occurs I am only including those where the abductees were returned unharmed. It's ok to include the phenomena of cattle mutilation and crop circles.

I hope all the above qualifies neatly the kinds of UFOs I'm talking about.

With all that in mind, consider something common to them all: these aliens are not making primary contact. They are not landing on the White House lawn, they are not allowing themselves to be easily photographed or recorded. They are not communicating with us via radio or "TV" and not responding to any signals we put out or our own attempts to call to or communicate with them.

What I'm really getting at: aliens in flying craft do exist but, even if sometimes visible, they do not seek to communicate with us in any meaningful way. They do not wish to establish contact with us. They visit us, observe and perhaps "investigate" us and then they fly away at their leisure. Agreed?

Hope you are still with me. Hope we agreed on the premise - and I sincerely

believe it represents well over 99% of mainstream UFO incidents.

So... here is where I'm ultimately going with all this: Alien UFOs are useless.

Wait, before you just click downvote and dismiss me again, hear me out.

What good is it if we all just agree, Yup, alien visitors are real as are flying saucers. 100% real. No debate. So? So what? What does that change about our existence in any way shape or form?"

See if you can answer that question.

"We'll finally know life exists out there" - ok, so? We already assume it does, how does this change anything other than make the question moot.

"It proves FTL or (insert your favorite ufo tech) works" - So? Unless we're shown how it works what good is it knowing someone else has it and we have no clue how to produce it ourselves.

Like I said, ask that question: what does the proof that aliens in UFOs exist matter if they refuse to contact and communicate with us?

I hope this produces a useful dialog - I'll probably be downvoted but I thought I'd try something new.

If this hijacking is inappropriate just say so and I'll delete.

6  
u/braveoldfart777 avatar  
braveoldfart777

•

3y ago  
What does they change about our existence in any way shape or form?"

6 Million people fly every day thinking the air that we fly in is void of anything that might cause harm or danger to Commercial, Military or Private Aircraft.

If UAP are flying around in Earth's Atmosphere and can interfere with ANY aircraft during ANY flight be it electronically or air disturbances, that is a FLIGHT SAFETY issue and needs to be addressed by Congress and the DOD. Anything LESS than that is a Major concern and should not be ignored.

7  
DrestinBlack

•

3y ago  
Not ONCE in the History of FORVER has any UFO collided with ANY aircraft or ship or sub ANYWHERE on the planet or over and under the sea , or in orbit ... or on the moon even. Besides, I'm told they can travel through alternate dimensions and warp in and out of our reality as well as avoid breaking the sound barrier so not even our ears are at threat. And we're told they are capable of out maneuvering and out flying any craft anyone has ever produced in all history. I'd say we are quite safe from our alien buddies. Now, the deserts of New Mexico were at risk of crashes back in the late 40s but apparently they've got better at avoiding weather balloons it appears lol

5  
9 more replies  
MrTacobean

•

3y ago

I feel like I'll bite on this...

You mention that knowing officially of their existence would change nothing and our history would stay the same. Maybe short term, yeah probably not gonna change much at all. But the simple fact of knowing there are real deal UAPs floating around the planet would definitely change society slowly.

Governments would likely organize publicly to begin to understand/research sightings and interactions, there would be investments across the board because even without direct interaction from the aliens. Humans are pretty decent at figuring stuff out. Visual data and behavior of the craft is a decent starting point that might lead to innovations. UAP don't need to interact with us directly for knowledge transfer to happen.

The biggest change that would happen by an official confirmation is open an entire new field of study. Peeps now even without official proof are trying to seriously study UAP but most efforts seem outlandish, conspiracy based or peddling a hidden agenda. Avi Loeb seems to be my favorite example. Actual researcher with credentials but then you see some articles and some of the statements being made and cringe at the claims being made with no Schmutz to back it up. That's conspiracy not research. Not to discredit everything he does but some of his commentary is fishy...

6

Suspicious-Stay-1623

•

3y ago

I think what matters is not so much about if they exist, but more about the coverup issue. I feel like it wouldn't be hidden by governments unless the topic had some life changing aspect to it, or somebody is doing something illegal/nefarious, and if a politician or government worker or entity is lying to me, then that would change who I support.

3

u/expatfreedom avatar  
expatfreedom

•

3y ago

Great post MK! I have a small semantic issue I'd like to bring up. Do you think it would be useful to have a term like AUAP (anomalous UAP) or UUFO (Unexplained ufo) to mean a "ufo that's likely not made by humans"?

If we're going by that definition for ufo in this post, why do you think that the Calvine ufo is not manmade? In my opinion "proposing a possible prosaic explanation" doesn't mean that something is debunked.

The arrowhead is also definitely not "debunking" because it's not a good suggestion at all.

3

4 more replies  
drollere

•

3y ago

i have to ask first of all if MKULTRA\_escapee plans to collect these long posts in a single place of collected opinions, because i find the work very credibly done and highly valuable, and would be sorry to see it all disappear into the slipstream of flare videos and lists of known alien species.

i disagree with the announced premise that UFO can best be described as an "anomalous technological flying object", and i claim this is a hypothesis wholly without physical justification as substantive crash remains and observationally

wholly outside any reasonable limits of mass acceleration and all thermodynamic consequences of propulsion. this is anomalous technology, indeed.

you can add to those basic inconsistencies the many ways in which UFO do not behave in a way that can be described as a "technology", for example by spawning smaller UFO or splitting into two UFO (2013 AGUADILLA).

and the recent spate of trinary displays of equal lights in a roughly equilateral triangle formation illustrate some of the observed UFO behavior that appears without a technological function, or doing anything useful for a useful purpose.

in any case, i agree that useful skepticism can be misinterpreted as an attack on the witness, and i think any good faith examination of seven decades of evidence is more than sufficient to support the good faith conclusion that UFO are a real thing.

whether or not UFO are a real thing is a settled question and for that reason is secondary to the issue of UFO bias, which still has not been repudiated publicly by the DoD and evidently still impairs the collection of sighting reports from officer pilots and surveillance.

3  
[deleted]

•

3y ago  
The Flir 1 video from ATS...of all people who debunked it, it was IsaacKoi.  
That's a damn shame. He is so highly respected.

3  
u/MKULTRA\_Escaper avatar  
MKULTRA\_Escaper  
OP

•

3y ago  
Yea, realizing that showed me nobody is perfect. Some of these debunks need experts in various fields to collaborate and confirm that the debunk is actually real, primarily statisticians because coincidences are so common among these. Nobody can be an expert in everything.

4  
[deleted]

•

3y ago  
This well thought-out contribution is and remains probably (unfortunately?) the best thing that can be summarized in this sub on the subject. I have often read it, copied it for my own archive and quoted from it in private circles.

Just today (2023-04-12 in Germany 🤔) I come back to it again, I also follow your links and I am again very pleased with the clarity of your thoughts.

It's a pity that this sub is falling apart more and more and that this topic may also become transparent again for a long time and will disappear. The last of the money I spend on this Reddit for appreciation and encouragement goes towards my little award today for your work on this article.

You are special. It was my great pleasure!

3

2 more replies  
Suspicious-Stay-1623

•

3y ago

Thank you for this, really well thought out and organized. I'm going to copy the link for this and start using it to reply to people with unfounded debunk claims

3

u/MKULTRA\_Escapee avatar

MKULTRA\_Escapee

OP

•

3y ago

Probably half of the people will skim it and not understand the argument fully (I do the same sometimes, so I get it), so I have found that it's better to also provide some kind of TL;DR.

For instance, if you see somebody "debunk" a UFO photo by locating a similar man made object and they argue it's close enough, find a few more similar things and ask them why they picked the first one. The easiest way to do this is to use a reverse image search. Sometimes it's finicky, so you have to mess around with different similar images to feed it. I would try first the UFO photo, and if that doesn't work, use the crop tool on the image search. If that doesn't work, reverse image search the similar man made thing or whatever they provided.

3

u/AristarcusRex avatar

AristarcusRex

•

3y ago

Thank you for putting the time in to share your expertise and all these links. Very cool. I agree with you that it is very hard to find something that everyone could agree is valid. Further, your categories are useful tools to aid in discussion.

This evidence issue is problematic not with just UFO's but with other things (global warming for example). People have different standards of evidence. People, many people I think, have motivated reasoning. And, I think we are all, to one degree or another, victims of half a century of ridicule of this subject. The default has come to be 'extraordinary claims require extraordinary evidence' and people have internalized that to mean various things, but overall it has shifted the burden of evidence to something that, to my mind, is essentially impossible to match. Live CNN and Fox coverage of a landing on the White House lawn would still find deniers. Your approach to look at things collectively seems, particularly in light of these issues, to be an appropriate one. Indeed, it's hard to think of another area that has this much data (of various sorts) that is still disputed. Great stuff.

17

u/MKULTRA\_Escapee avatar

MKULTRA\_Escapee

OP

•

3y ago

Yep. In other words, the bar has been set almost impossibly high. Perhaps the odds that a UFO will land on the white house lawn is simply not something that is likely to happen.

I really don't want to use this comparison, but it's the best I have right now. Obviously not all skeptics are like the moon landing deniers. Most of them are certainly not, but once upon a time I went through those websites attempting to debunk some of them because, to me, obviously the moon landing was real. There is simply too much evidence to show it. But I'm a layman in every area that would be required to debunk some of their arguments alleging they faked the videos. They've got countless photographs with red arrows and red circles and

some of them do seem to bring up good points. However, I'm not an optical physicist or a photographic analyst, so I just had to shrug my shoulders to some of them.

What the "moon believer" enjoys in this instance is that actual experts spent time and debunked many of the moon hoaxer arguments somewhere eventually, plus they're on the right side of the ridicule machine, so that makes things easier. With UFOs, you don't really have that to the same degree. Of course Bruce Maccabee was an optical physicist, and there are some others, so he could address some of the issues in the more prominent cases, but there is a clear lack of expertise being used in this area generally, so I think there could very easily be a large body of photos, videos, and cases out there that have a very compelling, but ultimately incorrect debunk. So even the stuff that I would personally consider very compellingly debunked may not in fact be, but right now I just have to trust it because I have no other option.

On top of that, because of the sheer amount of ridicule on UFOs, it's obviously the case that some of the admitted hoaxes were actually real. It's definitely more than zero of them. I read in one of Keel's books, or maybe one of his magazine articles where he relays this story about a witness who deliberately went to a police station and told them they have to release a statement that it was a hoax to get people off their back. I have a post with information on false hoax confessions here as well.

So this is a very interesting situation we have here. The ability to figure out what specifically is genuine can be extremely difficult sometimes, so I think some people might find the bird's eye view approach a little easier to deal with.

16

15 more replies

r00fMod

•

3mo ago

Such an amazing post... there will ALWAYS be some sort of disqualifier that can be used to explain away what may very well be a genuine UFO video.

I realize you wrote this 2 years ago, but now with the rise of AI, that all but guarantees that no video or photographic proof will ever be suitable enough to be considered "real"

2

[deleted]

•

3y ago

So, UFO photos and videos can (and should) be individually doubted but when you combine all of these dubious photos and videos they somehow become more compelling? I don't get it.

6

Loquebantur

•

3y ago

It is like having photos showing an object from multiple angles as opposed to only one.

Or even a movie showing scenes where this object is utilized or interacts with its surroundings.

Clearly, from such a conglomerate of photos and videos, each showing different aspects, you can learn much more about that object than from a single photo alone?



3

7 more replies

u/MKULTRA\_Escapee avatar

MKULTRA\_Escapee

OP

•

3y ago

Yea, you definitely need to reread the post then. That's simply not what I said. When you don't actually have a good reason to doubt a photo or video, and instead you debunked it based on a misunderstanding of how probability works, you conclude that it's dubious and throw it in the "debunked" bin. Along with that, you can ignore all of the other lines of evidence, including declassified documents, physical evidence cases, governments literally admitting that UFOs are real and that they could be aliens, and so on and so forth, simply to maintain the outdated mindset that this is not real. That is what's going on in a nutshell.

7

1 more reply

[deleted]

•

3y ago

But, if you build a case based on various kinds of evidence, such as: testimonial evidence, whistleblowers, videos, photos, physical evidence, documents, etc - the conclusion is obvious.

No, I'm sorry - but, if any of this were obvious, then this thing would be over, done with and dusted and the US Government wouldn't be faced with spending millions to get answers as the it's required now to commit to under the terms of the most recent version of the Whistleblower amendment act.

That in your mind it's all without question - I really don't doubt given your posts of late - but when the first image of the visual evidence you present is manifestly a picture of a frisbee photographed with a High-speed camera...

The prospect of the 499 remaining images yielding better really doesn't bode well.

I understand that you're arguing for a more holistic approach to considering the overwhelming body of evidence available without getting hung up on the specific details but what you're basically saying is don't look too closely.

And, looking at the evidence - I don't blame you.

This is a frisbee. Its not "like" a frisbee - it is a frisbee.

How is this helping anyone...?

3

u/MKULTRA\_Escapee avatar

MKULTRA\_Escapee

OP

•

3y ago

I'm really sorry to say this, but I know you simply didn't read all of my post and therefore don't understand what my argument is. How do I know that that picture is of a frisbee taken by a high speed camera? I have to just believe a random person on the internet? Isn't that exactly what you argue against? Show the proof. And even if it is a frisbee taken with a high speed camera, of course some UFO photos will be hoaxes and misidentified. The platypus was still real

despite the fact that fake "chimeras" were submitted both before and after the platypus was submitted as an example of one.

The overall point I am making is that I never said that a specific picture is of a UFO. You simply don't understand the point I'm making because you didn't bother to read it. The very next picture, if you were to follow the instructions in the post, is of a close-up flying saucer that cannot possibly be explained except if you were to assume some kind of elaborate hoax. Maybe it somehow is a hoax. Nobody proved it yet, and it's been years. Even if there was some kind of objection to it, as you can see from the information I provided, odds are it's a complete nonsense objection based on statistical shenanigans. But even if it is actually a hoax, there are plenty more where that came from. That's the point. Nobody needs to "put faith" or "believe" a specific photograph. The overall body of evidence together obviously demonstrates what's going on, regardless of the people sowing as much doubt as they possibly can get away with.

20

8 more replies

TirayShell

•

3y ago

Hundreds if not thousands of individual reports of sightings and encounters are hard to dismiss. They can't all be misinterpretations, hoaxes or delusions, and the weird details make them unlikely to be military missions.

But a lot of the reports suggest that they have much in common with dreams and other unusual states of consciousness, which a lot of people dismiss as "woo" because it doesn't fit the popular "alien creatures similar to us flying to Earth in metallic craft" scenario.

These real encounters are extremely rare, maybe a half dozen a year worldwide, if that many. So if you took a dim video of a speck of light in the sky, it was simply NOT an alien craft. But if you were driving on a deserted back road and saw a light in the sky, then discovered when you got closer that it was a glowing craft blocking the road, and you stopped and got out to get a better look at it, then you found yourself miles away with a couple of missing hours, THEN you probably encountered something you could call "alien," although it might not have been from space as we understand it.

2

4 more replies

burns4334

•

3y ago

Not sure I agree, for centuries and centuries people use to think witches were a thing.

3

u/MKULTRA\_Escapee avatar

MKULTRA\_Escapee

OP

•

3y ago

How many declassified documents, whistleblowers, physical evidence, decent photos and videos, radar detection cases, multiple military witness cases, and governments officially declaring that witches are real can you cite? The idea is when you have an extraordinary amount of corroborative evidence, then that thing is obviously real.

26

10 more replies

[deleted]

•

3y ago

That's not accurate. Many people believed that using herbs could cure people via magic or shamanistic hallucinations could yield positive benefits which have quite a lot of science behind them. Just because people used to think thunder and lightning were caused by gods doesn't mean thunder and lightning don't exist

5

1 more reply

IsrraelKumiko

•

3y ago

Aliens are here I think a lot of people are past that, the question is what is known about them by our government.

1

u/MKULTRA\_Escapee avatar

MKULTRA\_Escapee

OP

•

3y ago

I agree. Whatever it is, definitely seems like aliens, but I'm open to other theories. Dark matter, global warming, the moon landing, and many other things are also disputed. But within each one, at least some progress can still be made despite the controversy.

Percentages of people who agree some UFOs are probably alien spaceships:

41 percent according to a recent Gallup poll, and 51 percent according to a recent Pew research survey. YouGov says that number is 34 percent, a further 34 percent say they don't know, and 32 percent say there is some kind of natural explanation.

7

5 more replies

Visible-Expression60

•

3y ago

That sounds like the opposite of reality. Shouldn't it be:

"Most photos and videos can be doubted, the small body of evidence left over leaves a clouded anomaly or made up stories."

1

u/MKULTRA\_Escapee avatar

MKULTRA\_Escapee

OP

•

3y ago

That is more or less what this post is about and what I said in different words. I couldn't fit everything in the title. Anything between somewhat clear and extremely clear and which are not obviously fake, birds, etc, that makes it onto somebody's photo archive should be looked at as a whole. Of course you need to filter out the junk. You don't call every single random blurry dot "evidence."

4

2 more replies

desimusxvii

•

3y ago

Your reasoning works equally well for Sasquatch, Flat Earth, and Ghosts.

I'm not convinced. No one else should be either. The evidence is flimsy. A tall pile of bad evidence doesn't amount to anything convincing at all.

Paradoxically the true believers here are hurting the UFO world. Throwing your enthusiasm behind almost every memo/photo/story that comes along actually hurts any kind of rigorous pursuit of objective facts. The waters are murky and the "great catch" crowd upvoting starlink onto the front page 3 times a week are making this community look like absolutely gullible spaceship-clergy.

-1

[deleted]

•

3y ago

It really doesn't

7

u/MKULTRA\_Escapee avatar

MKULTRA\_Escapee

OP

•

3y ago

The last two thirds of your comment are completely irrelevant. I never said anything supporting nonsense starlink sightings, so you just threw that in fluff up your comment. I'm not saying that all sightings overall prove anything. I'm saying that the sightings that survive actual debunking, not nonsense debunking based on an inability to understand probability, are what shows a pattern.

The evidence is certainly not flimsy when it has caused governments to admit that UFOs are real. The flimsy debunkings of the good cases are what are revealing.

11

35 more replies

Loquebantur

•

3y ago

Please cite repositories/compilations of evidence for "Sasquatch, Flat Earth, and Ghosts" that are in any way comparable to those existing for UFOs.

What are the actual numbers there?

How often are sightings reported?

How many sightings from witnesses that must be considered reliable, like military, police, etc.?

4

2 more replies

Direct-Winter4549

•

3y ago

"There are so many liars and idiots but when you lump them all together, it means they're all right!"

Instead, I would say just the opposite.

0

[deleted]

•

3y ago

At this point, we know enough about human beings to cast doubt on extraordinary claims- no matter how many there are. Billions of people believe in multiple religions, christ's sake, complete with sightings holy figures and "evidence" for miracles. Should we believe in those too just because so many people believe in them? What you mean by "UFO's" is also important. Unidentified objects? Sure, of course that's real. Aliens visiting earth? That's when you're in trouble.

Human beings are the most irrational creatures on this earth- name one species, besides us, who's come close to offing itself. You simply cannot trust human testimony and shitty evidence, no matter how much of it you have. If you're talking aliens when you say "ufos are real", then your argument simply doesn't stand. If you just mean unidentified objects, then sure yeah. But that's essentially a truism.

-4

Loquebantur

•

3y ago

People believing in stuff is not the same as them being witnesses of events?

What trouble do you associate with non-human civilizations? Or do you confuse things with Hollywood-narratives?

Humans being "the most irrational species on earth" by your verdict does not mean much?

Clearly, you trust other humans to behave predictably in everyday situations. So your assessment and formulation appears contrived, as there is a priori nothing special about UFOs or "aliens", causing people to be especially irrational?

5

1 more reply

u/MKULTRA\_Escapee avatar

MKULTRA\_Escapee

OP

•

3y ago

I never said testimony and belief alone is good enough evidence. It's as simple as that. Read the post. I cite radar, physical evidence, photos, videos, declassified documents, governments admitting ufos are real, etc. Show me a declassified document that states Jesus or Zeus is real. I'll wait right here.

4

59 more replies

[deleted]

•

3y ago

Many religions have common ideas that are factually true though. A lot of our current scientific understanding about early history (on earth and universally) lines up with a lot of non-JudeoChristian creation myths. If a billion people say the same thing there's probably gonna be issues with any individual report but taken as a whole it can be viewed with value. That's why polling the audience in Who Wants to be a Millionaire is almost always the best way to get the answer.

1

7 more replies

[deleted]

•

3y ago

You mixed a real video (costa rica) with a fake vfx video in the first sentence. No reason to mention both in the same sentence lol discrediting a good one with a fake one

-1

u/MKULTRA\_Escapee avatar

MKULTRA\_Escapee

OP

•

3y ago

I would fully agree with you if the main objection wasn't a very easy-to-explain coincidence argument. That one was debunked because the person who uploaded it worked in special effects, not vfx, which if you'll refer to the post, is clearly perfectly explainable as just an expected coincidence. Perhaps it is vfx. I wouldn't know, but the person who uploaded it was widely accused of being a hoaxer and eventually deleted the original tweet hosting it, as is common.

6

2 more replies

desimusxvii

•

3y ago

Are either of those footages in your personal archival vault?

1

3 more replies

[deleted]

•

3y ago

blackbook77

•

3y ago

Bookmarking this. Extremely good points.

1

u/MoreCowbelllllll avatar

MoreCowbelllllll

•

2y ago

Comment to read later

1

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1y ago

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captured

8

11K upvotes · 684 comments

What's the best photos of ufo/UAP you believe to be the best compelling evidence  
that we are not alone?

r/UFOs icon

r/UFOs

•

10mo ago

What's the best photos of ufo/UAP you believe to be the best compelling evidence  
that we are not alone?

r/UFOs - What's the best photos of ufo/UAP you believe to be the best compelling  
evidence that we are not alone?

2

860 upvotes · 179 comments

One of the clearest UFO videos ever recorded

r/UFOs icon

r/UFOs

•

9mo ago

One of the clearest UFO videos ever recorded

r/UFOs - One of the clearest UFO videos ever recorded

5.1K upvotes · 459 comments

Found this random UFO picture, does it depict a real UFO model?

r/UFOs icon

r/UFOs

•

2mo ago

Found this random UFO picture, does it depict a real UFO model?

r/UFOs - Found this random UFO picture, does it depict a real UFO model?

549 upvotes · 172 comments

Some of the best UFO photos ever captured

r/UFOs icon

r/UFOs

•

3mo ago

Some of the best UFO photos ever captured

315 upvotes · 63 comments

My ufo experience uploaded again due to be taken down

r/UFOs icon

r/UFOs

•

2d ago

My ufo experience uploaded again due to be taken down

r/UFOs - My ufo experience uploaded again due to be taken down

2.8K upvotes · 263 comments

The fact that we can't seem to get clear pictures of repeated drone incursions,  
leads credence to the fact that any genuine NHI UFOs encounters would them  
almost be impossible to photograph, and thus debunking the entire premise that  
cameras everywhere should equal clear photos of the phenomenon.

r/UFOs icon

r/UFOs

•

3mo ago

The fact that we can't seem to get clear pictures of repeated drone incursions,  
leads credence to the fact that any genuine NHI UFOs encounters would them  
almost be impossible to photograph, and thus debunking the entire premise that

cameras everywhere should equal clear photos of the phenomenon.

399 upvotes · 114 comments

Alright, let's cut the crap. Who here has actually seen an undeniable UFO?

r/UFOs icon

r/UFOs

•

2mo ago

Alright, let's cut the crap. Who here has actually seen an undeniable UFO?

664 upvotes · 709 comments

This is, in my opinion, the most solid evidence for the existence of UFOs since the 50's

r/UFOs icon

r/UFOs

•

5mo ago

This is, in my opinion, the most solid evidence for the existence of UFOs since the 50's

r/UFOs - This is, in my opinion, the most solid evidence for the existence of UFOs since the 50's

youtu

929 upvotes · 291 comments

What is the most convincing UFO evidence to date?

r/UFOs icon

r/UFOs

•

1y ago

What is the most convincing UFO evidence to date?

36 upvotes · 156 comments

Non believer catches UFO on camera.

r/UFOs icon

r/UFOs

•

3mo ago

Non believer catches UFO on camera.

r/UFOs - Non believer catches UFO on camera.

275 upvotes · 109 comments

That's what I call a beautiful UFO sighting.

r/UFOs icon

r/UFOs

•

26d ago

That's what I call a beautiful UFO sighting.

r/UFOs - That's what I call a beautiful UFO sighting.

2.2K upvotes · 199 comments

UFO Sighting

r/UFOs icon

r/UFOs

•

1mo ago

UFO Sighting

r/UFOs - UFO Sighting

5

206 upvotes · 49 comments

UFO Researchers Accuse NASA of Hiding Evidence of Alien Life

r/UFOs icon

r/UFOs

•

3mo ago

UFO Researchers Accuse NASA of Hiding Evidence of Alien Life

r/UFOs - UFO Researchers Accuse NASA of Hiding Evidence of Alien Life

co

619 upvotes · 49 comments

More than 100 Videos of UFOs in NASA broadcasts!

r/UFOs icon



r/UFOs

•

5mo ago

More than 100 Videos of UFOs in NASA broadcasts!

311 upvotes · 28 comments

There is a vast amount of publicly available information and data from which intelligent, objective, and unbiased individuals can logically conclude that UFOs/UAP do, in fact, represent Non-Human Intelligence (NHI) – and that they are interacting with humanity.

r/UFOs icon

r/UFOs

•

2mo ago

There is a vast amount of publicly available information and data from which intelligent, objective, and unbiased individuals can logically conclude that UFOs/UAP do, in fact, represent Non-Human Intelligence (NHI) – and that they are interacting with humanity.

r/UFOs - There is a vast amount of publicly available information and data from which intelligent, objective, and unbiased individuals can logically conclude that UFOs/UAP do, in fact, represent Non-Human Intelligence (NHI) – and that they are interacting with humanity.

489 upvotes · 70 comments

Prominent Figures in the UFO/UAP World Who Have Gone Quiet - What Are They Up To?

r/UFOs icon

r/UFOs

•

25d ago

Prominent Figures in the UFO/UAP World Who Have Gone Quiet - What Are They Up To?

128 upvotes · 179 comments

One way how the UFO secret keeps itself

r/UFOs icon

r/UFOs

•

6mo ago

One way how the UFO secret keeps itself

r/UFOs - One way how the UFO secret keeps itself

652 upvotes · 211 comments

For Skeptics: You Don't Have to Believe in UFOs to Prepare for Ontological Disruption

r/UFOs icon

r/UFOs

•

7d ago

For Skeptics: You Don't Have to Believe in UFOs to Prepare for Ontological Disruption

r/UFOs - For Skeptics: You Don't Have to Believe in UFOs to Prepare for Ontological Disruption

substack

172 upvotes · 87 comments

This whole UFO disclosure is one giant psyop and everyone is falling for it.

r/UFOs icon

r/UFOs

•

1mo ago

This whole UFO disclosure is one giant psyop and everyone is falling for it.

51 comments

Looking for a good Podcast/videos/channel to get more information about UFOs.

r/UFOs icon

r/UFOs

•

8d ago

Looking for a good Podcast/videos/channel to get more information about UFOs.

14 upvotes · 47 comments  
Weird UFO shape sighting  
r/UFOs icon  
r/UFOs

•

3mo ago  
Weird UFO shape sighting  
r/UFOs - Weird UFO shape sighting  
300 upvotes · 32 comments  
The Hill UFOs potentially identified in 1950s images, study finds  
r/UFOs icon  
r/UFOs

•

27d ago  
The Hill UFOs potentially identified in 1950s images, study finds  
r/UFOs - The Hill UFOs potentially identified in 1950s images, study finds  
thehill  
92 upvotes · 7 comments  
UFO Sightings Compilation (No Music, Sources in Post)  
r/UFOs icon  
r/UFOs

•

6mo ago  
UFO Sightings Compilation (No Music, Sources in Post)  
r/UFOs - UFO Sightings Compilation (No Music, Sources in Post)  
91 upvotes · 11 comments  
For generations, UFO enthusiasts have longed for claims of aliens visiting Earth to be seriously investigated by scientists. Now they are getting their wish  
r/UFOs icon  
r/UFOs

•

2mo ago  
For generations, UFO enthusiasts have longed for claims of aliens visiting Earth to be seriously investigated by scientists. Now they are getting their wish  
r/UFOs - For generations, UFO enthusiasts have longed for claims of aliens visiting Earth to be seriously investigated by scientists. Now they are getting their wish  
scientificamerican  
576 upvotes · 50 comments  
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A community for discussion related to Unidentified Flying Objects. Share your sightings, experiences, news, and investigations. We aim to elevate good research while maintaining healthy skepticism.

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Log inRegister Search  
New posts  
Search forums  
Forums Metabunk UFOs and Aliens  
2007 Costa Rica UFO  
Thread starterebx Start dateJun 3, 2021  
ebx  
New Member  
Jun 3, 2021  
#1

Hi everyone.  
My apologies if there are mistakes in the format of the question.

I recently came across a video, which shows a flying object staying relatively still in the mid-air for a few seconds, later flipping vertically and leaving the area. It is hard to tell what the dimensions of the object are, due to its distance from the grass not being clearly identifiable. It appears that the object is metallic, and it seems to be at a further distance than the grass which is seen in the video. Furthermore, it doesn't seem like there are any people in proximity of the terrain where the person recording the video is located, suggesting that it might not be a "pendulum" situation, where the object is physically manipulated to simulate weird maneuvers.

The reason why I am assuming that the object is further than the grass is because of its details, compared to the grass and the stones. The object seems to be initially blurry, and its details are not captured by the camera properly, while the grass and stones are better captured. When the man recording the video zooms, its details become more clear.

The video was shot in Costa Rica, 2007, by a 35-year-old carpenter named Marvin Badilla.

Last edited by a moderator: Nov 12, 2021  
Woolery  
Banned  
Banned  
Jun 3, 2021  
#2

You might get flagged for not following posting guidelines, but I'm glad you brought this one up. I always thought this video was worth analysis from the video experts here (I'm definitely not one of them). I'm guessing they'll conclude it was a mundane object manipulated by a thin wire or thread.

edit: related note: there's a translated interview with the witness for anyone interested. I get flagged when I link so I'll just mention the video is titled Costa Rica Nov UFO 2007 on YouTube.

Last edited: Jun 3, 2021  
deirdre  
deirdre  
Senior Member.  
Jun 3, 2021  
#3

Source: <https://youtu.be/xnhci9y-x0w?t=42>  
Woolery  
Banned

Banned  
Jun 3, 2021  
#4  
deirdre said:

Source: <https://youtu.be/xnhci9y-x0w?t=42>

In case there's any confusion, I think it's worth mentioning the Costa Rica video you asked about is not a Billy Meier video (the hoaxster mentioned in the explanation video).

So one wire to dangle, one to flip the object on its edge and one for the B-line frame exit to the right? Is that what's happening?

deirdre  
deirdre  
Senior Member.  
Jun 3, 2021

#5  
Woolery said:  
the Costa Rica video you asked about is not a Billy Meier video  
i didn't ask anything.  
i was just showing people an example of what you mentioned with the fishingline.

this video in english, and shows the area the ufo was.

Source: <https://www.youtube.com/watch?v=lQfDXlERvgY>  
Last edited by a moderator: Nov 12, 2021

Buckaroo  
Buckaroo  
Member  
Jun 3, 2021

#6  
Clearly a model flying saucer dangling on a string. It's a not-very-skillful hoax. (Is that really the best quality footage available?)

Woolery  
Banned  
Banned  
Jun 3, 2021

#7  
deirdre said:  
i didn't ask anything.  
No you didn't. I guess I wasn't clear. I was referring to the OP's question asking if anyone had debunked the Costa Rica video. Then you replied to him with a video debunking Billy Meier videos. So I wanted to make sure the two sources weren't confused.

Woolery  
Banned  
Banned  
Jun 4, 2021

#8  
Buckaroo said:  
Clearly a model flying saucer dangling on a string. It's a not-very-skillful hoax. (Is that really the best quality footage available?)

It isn't "clear" to me. Or apparently the OP. But thanks for your analysis.

As for the quality, it appears it was taken with a flip phone by a carpenter in the middle of his workday. I'm not sure how any other video quality would be available.

Mick West  
Mick West  
Administrator  
Staff member  
Jun 4, 2021

#9

It's super easy to fake, it looks physically like a small model in the way it moves, so that seems quite likely.

kasparovitch

kasparovitch

Active Member

Jun 4, 2021

#10

It helps such bad resolution even for 2007 standards.

Buckaroo

Buckaroo

Member

Jun 4, 2021

#11

Mick West said:

It's super easy to fake, it looks physically like a small model in the way it moves, so that seems quite likely.

It's particularly obvious by the way the "UFO" tilts up at the end - exactly the way it would if was suspended by a single point in the center, and was perturbed by movement.

deirdre

deirdre

Senior Member.

Jun 4, 2021

#12

it might be a good example though of what is [maybe] meant by Dietrich's "tumbled into non sensical angles". (not that i think Fravors ufo was a model on a fishingline! ...just pointing out that i would describe this uf oas "instantaneously tumbling into nonsensical angles)

Woolery

Banned

Banned

Jun 4, 2021

#13

Mick West said:

It's super easy to fake, it looks physically like a small model in the way it moves, so that seems quite likely.

Yes it does look like a model. Or maybe just an older-style hubcap. What confuses me is that if you look at the stabilized slo-mo video, the object first flips so the top of the object is directly facing the camera. This would make some sense if it were being yanked away while dangling. Then before it disappears to the right, it flips again so the bottom of the object directly faces the camera. I can't make sense of one string making the hubcap or whatever behave that way. Flip vertically, flip vertically again then departure to the right. Im guessing you're saying it's super easy to fake because you tried it and succeeded. I tried it with a frisbee and I can't duplicate it. I can't even get the frisbee to snap to its edge sharply for the first flip.

Note: The stabilized slo-mo video is on Reddit (you've probably already seen it). I've been cracked enough times for posting links improperly that I won't do anyone the disservice of linking to it.

deirdre

deirdre

Senior Member.

Jun 4, 2021

#14

Woolery said:

I can't even get the frisbee to snap to its edge sharply for the first flip.

i think you need a long pole, like if you have one to paint 12 foot ceilings. so you can pull the object kinda high and then just let it free fall back into place. also maybe something lighter like styrofoam.

Woolery

Banned

Banned

Jun 4, 2021

#15

deirdre said:

i think you need a long pole, like if you have one to paint 12 foot ceilings. so you can pull the object kinda high and then just let it free fall back into place. also maybe something lighter like styrofoam.

Probably so.

Mick West

Mick West

Administrator

Staff member

Jun 4, 2021

#16

There's a difference between duplicated precisely planned actions and duplicating random actions. There appears no real significance to the movements and the flippings, because we only see each for a few frames. It seems to me that's simply the way things ended up when they pulled the strings.

If I wanted to fake it, I'd use a center string going to four points, which gives a very stable flying saucer, then additional strings on either side to flip it up or down as needed

purpleivan

purpleivan

Senior Member.

Jun 5, 2021

#17

To me the motion looks consistent with a model of a saucer hung from something like a fishing rod and line (rod held above the cameras view of course), which when the camera conveniently pans down (removing the object from the shot) is quickly yanked up and dropped, to give the erratic wobble motion, very briefly seen. Possibly a 2nd line could be attached to it and pulled on by someone out of shot, behind the grass bank, but if that is how this was done, there's less of a reason for the camera panning down, which makes more sense if the rod holding the object is suddenly yanked/dropped, potentially bringing into shot.

All that is just conjecture of course.

Is it just me or does the object appear small and close, rather than large and far? It's difficult to tell as the video is of such low quality, but object appears to have the same level of sharpness as the grass in the foreground, compared with the highly blurred trees in the distance.

Ravi

Ravi

Senior Member.

Jun 5, 2021

#18

purpleivan said:

Is it just me or does the object appear small and close, rather than large and far? It's difficult to tell as the video is of such low quality, but object appears to have the same level of sharpness as the grass in the foreground, compared with the highly blurred trees in the distance.

This video is to me one of the most useless pieces of "evidence" an ufo-enthusiast can bring forth.

jackfrostv

jackfrostv

Senior Member.

Oct 20, 2021

#19

The guy who made that video is an outstanding model maker

I have seen his online pages, and he makes scale model carriages, boats, cars etc out of wood. Soom seem to be shot in a place very imilar looking to the spot the "UFO" was shot

Check out the news video below about his model making  
<https://www.repretel.com/noticia/el-taxista-ebanista-de-san-ignacio-de-acosta/>

Here is one of his models he photographed to make it look as though it's in a realistic setting

<https://scontent.fmel12->

[1.fna.fbcdn...=4830d1874d020bd83f7fb3b417edbb95&oe=6196DF91](https://scontent.fmel12-1.fna.fbcdn...=4830d1874d020bd83f7fb3b417edbb95&oe=6196DF91)

Last edited: Oct 21, 2021

Ravi

Ravi

Senior Member.

Oct 21, 2021

#20

@jackfrosv

Hmm, I am sure being a model maker of realistic props does not help to make his UFO story convincing.

JMartJr

JMartJr

Senior Member.

Oct 21, 2021

#21

jackfrosv said:

/

Here is one of his models he photographed to make it look as though it's in a realistic setting

<https://scontent.fmel12->

[1.fna.fbcdn...=4830d1874d020bd83f7fb3b417edbb95&oe=6196DF91](https://scontent.fmel12-1.fna.fbcdn...=4830d1874d020bd83f7fb3b417edbb95&oe=6196DF91)

1634824951716.jpg

jackfrosv

jackfrosv

Senior Member.

Feb 17, 2022

#22

I posted all that above from my last post on UFOs sub reddit. Got downvoted - LOL

Here is a copy of his facebook page, in case it goes bye bye like the links I first posted

1645142707837.png

1645142754692.png

Last edited: Feb 17, 2022

Ravi

Ravi

Senior Member.

Feb 18, 2022

#23

@jackfrosv

Is it not funny that the the ufo believers think this is irrelevant, whereas debunkers think it 100% is? I am of course more on the latter, as it is a rather convenient skill to have..

johne1618

Guest

May 20, 2022

#24

In an interview in 2018 the witness Marvin Badilla said:

The UFO is an unidentified flying object, it is not known what it is. That's what I saw, a glowing, spinning, saucer-shaped object that moved away at an impressive speed. It rose, it did not hide, until it disappeared and before

rising it turned on its side and was leaving a vapor trail, the vapor almost vanished immediately. I've seen planes taking off at high speed and it didn't compare to the speed it was going. I can't say if it was manned, but in the center it had a strip like little windows that rotated.  
Source (using Google Translate): <https://www.lateja.cr/nacional/ovni...ntiene-gran/WGDJBWJQ5BBH DU2NOY2K3EL7I/story/>

If you slowly scrub the video in post#1 from 0:03 to 0:05 you can see that the UFO has a strip across the middle which seems to be rotating counterclockwise. This effect would be difficult to reproduce in a model.

Last edited by a moderator: May 20, 2022

jackfrostrvc

jackfrostrvc

Senior Member.

May 20, 2022

#25

johne1618 said:

In an interview in 2018 Marvin Badilla said:

Source (using Google Translate): <https://www.lateja.cr/nacional/ovni...ntiene-gran/WGDJBWJQ5BBH DU2NOY2K3EL7I/story/>

If you slowly scrub the video in post#1 from 0:03 to 0:05 you can see that the UFO has a strip across the middle which seems to be rotating counterclockwise. This effect would be difficult to reproduce in a model.

A \$1 dc motor (like in toy cars) and a battery rotating a bottom plate half.

Pretty simple IMO

JMartJr

JMartJr

Senior Member.

May 20, 2022

#26

johne1618 said:

the UFO has a strip across the middle which seems to be rotating counterclockwise. This effect would be difficult to reproduce in a model.

Make otherwise featureless disk with windows.

Hang model from string.

Model spins.

The video looks so much like a small model on a string (especially in the way it is jerked out of camera frame): given the propensity of things hanging on strings to rotate I think it would be harder to make such a model and have the windows NOT rotate.

johne1618

Guest

May 20, 2022

#27

jackfrostrvc said:

A \$1 dc motor (like in toy cars) and a battery rotating a bottom plate half.

Pretty simple IMO

I must admit that after looking at his Facebook page I can see that he is a gifted model maker who could have made a model of a saucer-shaped UFO with a rotating strip around its circumference. But also from his Facebook page and his media interviews he seems an honest guy.

I reckon his close encounter case is a good one so I give it 50% likelihood that he witnessed a UFO. I only need 30 such good, independent cases to conclude that the likelihood that at least one of the witnesses saw a UFO is  $1 - 0.5^{30} = 0.999999999$ . This likelihood can balance a  $10^{-9}$  prior probability that aliens are visiting Earth, based on our current understanding of science, to leave a 50% posterior probability of alien visitation.

Last edited by a moderator: May 20, 2022



Ravi  
Ravi  
Senior Member.

May 20, 2022

#28

johne1618 said:  
he seems an honest guy.

Hmm, that is the case in most, if not all witness accounts. They all look so honest, don't they? Just realise there are many many many many persons that can lie without a blink.

jackfrosvvc

jackfrosvvc

Senior Member.

May 20, 2022

#29

johne1618 said:

I must admit that after looking at his Facebook page I can see that he is a gifted model maker who could have made a model of a saucer-shaped UFO with a rotating strip around its circumference. But also from his Facebook page and his media interviews he seems an honest guy.

I reckon his close encounter case is a good one so I give it 50% likelihood that he witnessed a UFO. I only need 30 such good, independent cases to conclude that the likelihood that at least one of the witnesses saw a UFO is  $1 - 0.5^{30} = 0.999999999$ . This likelihood can balance a  $10^{-9}$  prior probability that aliens are visiting Earth, based on our current understanding of science, to leave a 50% posterior probability of alien visitation.

If I got a dollar from every person to say "he looks honest , that's why I believe him" . Unfortunately, after investigating in depth multiple UFO cases and talking to the witnesses directly myself, I can tell you more people who claim to witness UFO's lie than you might think.

It's something I have been wondering about to be honest. I get the feeling that some people see lying about UFOs as a bit of harmless fun, and therefor are not morally held back from lying as they would be for other things. Just a personal theory of mine. The ramifications of lying about a UFO and being found out are also low. No one goes to jail for that, etc. It's also difficult to prove in a lot of cases that someone did lie. Something that this excellent post on reddit goes through

Source:

[https://www.reddit.com/r/UFOs/comments/t9lz7f/brandolinis\\_law\\_and\\_bullshit\\_how\\_to\\_survive\\_rufos/](https://www.reddit.com/r/UFOs/comments/t9lz7f/brandolinis_law_and_bullshit_how_to_survive_rufos/)

Last edited: May 20, 2022

Joaquin937

New Member

Jul 20, 2024

#30

The problem I have with many of these UFO debunks is that they are based primarily on the preconception that the witness is lying, so the debunkers try to imagine different ways it could be faked, rather than trying to identify the flying objects, that's where the name comes from. In my opinion, the probability that this witness actually saw this object and filmed it is not zero, and it is important to look for explanations in the event that this object was really flying there.

Mick West

Mick West

Administrator

Staff member

Jul 20, 2024

#31

Joaquin937 said:

The problem I have with many of these UFO debunks is that they are based primarily on the preconception that the witness is lying, so the debunkers try to imagine different ways it could be faked, rather than trying to identify the flying objects, that's where the name comes from. In my opinion, the probability that this witness actually saw this object and filmed it is not zero, and it is important to look for explanations in the event that this object was really flying there.

Most UFO case witnesses are not lying. However, you can't eliminate it as a possibility.

I'm sure everyone here would be happy to look at other hypotheses for this case. Did you have a suggestion?

Mendel

Mendel

Senior Member.

Jul 20, 2024

#32

Joaquin937 said:

In my opinion, the probability that this witness actually saw this object and filmed it is not zero, and it is important to look for explanations in the event that this object was really flying there.

We know he saw and filmed it, the evidence is there.

We just think it very likely that he knew what it was.

Do you have any evidence/observations that support the idea that he did not film a model?

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Giddierone Dec 11, 2025  
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This 1988 Puerto Rico UFO photograph is almost identical to the Calvin  
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•

3y ago  
[deleted]

This 1988 Puerto Rico UFO photograph is almost identical to the Calvin  
photograph

r/UFOs - Puerto Rico 1988  
567

.

116  
Comments Section  
u/ufobot avatar  
ufobot  
MOD

•

3y ago  
The following submission statement was provided by u/skyersjet:

Submission statement: From UFO Casebook - "1988 - Puerto Rico. As you can see,  
this seems to show a jet fighter chasing a discoid / or wedge shaped object with  
a protuberance on top and bottom. A reader has sent in this info on this  
picture. Picture taken by Amaury Rivera. He also took several others after  
running to his car to get his camera after being abducted at the Laguna  
Calthena."

Please reply to OP's comment here:  
[https://old.reddit.com/r/UFOs/comments/xomwht/this\\_1988\\_puerto\\_rico\\_ufo\\_photograph\\_is\\_almost/ipzedtu/](https://old.reddit.com/r/UFOs/comments/xomwht/this_1988_puerto_rico_ufo_photograph_is_almost/ipzedtu/)

1  
[deleted]

•

3y ago  
F14? Im from puerto rico. We didnt have f14. We had f16 at the bases

71  
[deleted]

•

3y ago  
Looks like an F111 to me.

16  
u/bb1180 avatar  
bb1180

•

3y ago  
Yeah, I thought the same thing. It may be an F-111 rather than an F-14.

3 more replies  
u/josebolt avatar  
josebolt

•

3y ago  
It was a Navy plane right? Aircraft carrier?

7  
[deleted]

•

3y ago  
Yes! F14 Tomcats were Navy Carrier planes

11

1 more reply  
[deleted]

•

3y ago  
this has been talked about here before, it was a hoax.

101  
[deleted]

•

3y ago  
A hoax according to the person that said so with an obscure geocities blog as proof

15  
u/WetnessPensive avatar  
WetnessPensive

•

3y ago  
A hoax according to researcher J. L. Pacheco, Wilson Sosa, and the fact that the hoaxter was caught lying about the location, and faking other shots:

<https://photos1.blogger.com/x/blogger/1120/3022/1600/28400/ar2.jpg>  
<https://photos1.blogger.com/x/blogger/1120/3022/1600/532776/amaury02.jpg>  
<https://photos1.blogger.com/x/blogger/1120/3022/1600/532776/amaury02.jpg>

27

3 more replies  
PreviousGas710

•

3y ago  
Significantly more proof than anyone pretending this is real

15

5 more replies  
FleaDG

•

3y ago  
If it's on a geocities blog then it's facts! The sacred texts!

13  
[deleted]  
OP

•

3y ago

If they could recreate something very similar to the Calvin photo with 1980s technology then that casts doubt on the Calvin photo.

11

[deleted]

•

3y ago

Now we arrive at the purpose here...

5

u/Gondolf\_ avatar

Gondolf\_

•

3y ago

Since the Calvin original resurfaced, the film has had an expert evaluation report (Sheffield Hallam University UK, Senior Lecturer in Photography) showing no signs of manipulation

14

6 more replies

33 more replies

awwnuts

•

3y ago

Anything more in terms of evidence?

3

2 more replies

u/MKULTRA\_Escapee avatar

MKULTRA\_Escapee

•

3y ago

It's not really that unlikely to find a somewhat similar hoax photograph from before another sighting. Think of all of the times you've read an account about pilots chasing, being chased, or just witnessing a UFO while in flight. It happens all the time, so eventually at least one person will have tried to hoax such a photograph because hoaxers have hoaxed many other kinds of photographs, and eventually at least one person would have gotten a legitimate photograph because such an event happens routinely.

This was actually the same reasoning used to "debunk" the Navy Flir1 video when it was first leaked online in 2007. A person incorrectly "debunked" the video because of a similar hoax that predated the real video. See here: <https://www.abovetopsecret.com/forum/thread265835/pg1>

Firstly, the video is similar to (though not the same one as) a video purportedly from an Australian jet fighter's HUD (Heads-Up Display) created last year by a film maker called Chris Kenworthy. He created that video as part of a series of "UFO" forming an "immersive artwork" project funded by the Australian Film Commission.

Once the hoax was revealed, Chris Kenworthy obtained a reasonable amount of publicity on the Internet. Members of ATS should be aware that other film makers may try to generate publicity in the same way by copying Chris Kenworthy's project.

....

For example, the "Australian's fighter HUD display" footage was accompanied by a

story somewhat similar to the text accompanying the video posted with your link above....

...

Conclusion : Pending release of the promised further "files", this video should be tentatively identified as an attempted hoax on ATS by members of the "vision-unlimited" group of German student film makers.

Moral of the story: when you find a coincidence in a UFO case, try to ensure that it's not just another expected one. I have a more in-depth post describing this debunking error. See Why legitimate UFO footage is guaranteed to be debunked: probability is not common sense.

The Calvine UFO photo has been debunked in at least 5 mutually exclusive ways: [https://np.reddit.com/r/UFOs/comments/wp5mre/the\\_calvine\\_photo\\_looking\\_similar\\_to\\_a\\_hoax\\_photo/ikfjksw/](https://np.reddit.com/r/UFOs/comments/wp5mre/the_calvine_photo_looking_similar_to_a_hoax_photo/ikfjksw/) This tells you that at least 4, if not all 5 of these are not correct, but they seem convincing at first because most of them are based on misleading probability arguments. If it's that easy to come up with 5 mutually exclusive debunks of one thing, and you only need one debunk to dismiss a case, I'm sure you understand the problem.

24

[deleted]

OP

•

3y ago

Interesting, thanks. The Calvine UFO is on my "maybe" pile. The debunks aren't convincing but there is no proof it's real either.

4

1 more reply

[deleted]

•

3y ago

When I see this, it makes it obvious that either this one, the calvine photo or both are fake.

6

awwnuts

•

3y ago

Lol

8

3 more replies

Skeptechology

•

3y ago

Pretty sure this was debunked, no?

7

u/Distinct\_Schedule\_57 avatar

Distinct\_Schedule\_57

•

3y ago

saw this for the first time in the early 90's in a local UFO mag(Enigma) here in Puerto Rico, published by Jorge Martin.

2

ObjectReport

•

3y ago

The biggest problem I've continually had with this photograph is the fact that F-14 Tomcats never operated out of--or were stationed in--Puerto Rico. So where did that aircraft come from?

[https://en.wikipedia.org/wiki/F-14\\_Tomcat\\_operational\\_history](https://en.wikipedia.org/wiki/F-14_Tomcat_operational_history)

2

ScrotyMcboogrb4lls

•

3y ago

Where did this come from all of a sudden?

I mean, people were familiar with that replica from Nick Pope, would've expected people to point out the similarities between these cases years ago

5

2 more replies

lostinadream66

•

3y ago

All these fake photos and videos.

4

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14

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8

11K upvotes · 684 comments

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5mo ago

My mom and dads ufo sighting in 1983

r/UFOs - My mom and dads ufo sighting in 1983

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5y ago

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8mo ago

Mysterious UFO Photo Solved

r/UFOs - Mysterious UFO Photo Solved

3

6.6K upvotes · 559 comments

Alright, let's cut the crap. Who here has actually seen an undeniable UFO?

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•

2mo ago

Alright, let's cut the crap. Who here has actually seen an undeniable UFO?

664 upvotes · 709 comments

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10mo ago

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2

860 upvotes · 179 comments

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3mo ago

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r/UFOs - Non believer catches UFO on camera.

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Found this random UFO picture, does it depict a real UFO model?

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2mo ago

Found this random UFO picture, does it depict a real UFO model?

r/UFOs - Found this random UFO picture, does it depict a real UFO model?

549 upvotes · 172 comments

Pictures of beings and UFOs Brazil

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4mo ago

Pictures of beings and UFOs Brazil

r/UFOs - Pictures of beings and UFOs Brazil

923 upvotes · 211 comments

Some of the best UFO photos ever captured

r/UFOs icon

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•

3mo ago

Some of the best UFO photos ever captured

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UFOs are chasing people in the state of Piauí, in northeastern Brazil.

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•

16d ago

UFOs are chasing people in the state of Piauí, in northeastern Brazil.

r/UFOs - UFOs are chasing people in the state of Piauí, in northeastern Brazil.

631 upvotes · 76 comments

UFO en Puerto Rico

r/PuertoRico icon

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9mo ago

UFO en Puerto Rico

8 upvotes · 5 comments

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7mo ago

Brazil releases National UFO files

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Triangle UFO - Puerto Rico - November 27, 2025

r/UFOs - Triangle UFO - Puerto Rico - November 27, 2025

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r/UFOs - Pilot Reports a "silver canister" UFO Just Flying By his Plane

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1mo ago

UFO Sighting

r/UFOs - UFO Sighting

5

206 upvotes · 49 comments

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20d ago

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posted on Feb, 4 2007 @ 05:31 AMlink

As promised this story is the real deal. So go on and make your own thoughts and decisions about this.

The video you are about to see seems to be a FLIR-hud-vision captured by one of the jets, that were sent out to intercept the unknown object. The materials we (me and one other ATS member who wished to remain nameless) used for this analysis/post were this video, an event-log and a power-point-presentation, but the information included in there has not been worked out yet. The files we have can be released on demand.

RECALL OF AN EVENT LOG OF A SHIP OF THE US-NAVY FLEET  
This is the video here and these are the events happened.

Date 14 November 2004

Two interceptor fighters were directed to a certain location, where an unknown object has been spotted at 160@40NM (N3050.8 W11746.9). The fleet informed the intercepting jets that the object was moving at 100 KTS @ 25 KFT ASL.

The jets could not find any object at that location. While the jets were searching for the air contact, they spotted a large object in the water at 1430L. The pilots saw steam/smoke/churning around the object. The pilot described the object initially as resembling a downed airliner, he also stated that it was much larger than a submarine.

A jet descended down from 24KFT to gain a better view of the object in the water. The jet then spotted an air contact, it appeared to be a capsule shaped (wingless, mobile, white, oblong pill shaped, 25-30 feet in length, no visible markings and no glass) 5 NM west from the object in the water.

The capsule passed under the jet at 4KFT at course 300. the jet turned to acquire the capsule.

While the jet was descending and turning the capsule began climbing and turned inside of the jets turn radius. The pilot estimated that the capsule achieved 600-700 KTS. The jet could not keep up with the rate of turn and the gain of altitude by the capsule. The jet then lost visual on the capsule in haze. Last visual contact was at 14KFT, capsule heading due east.

Neither of the two jets could achieve radar lock or any other means of positive id.

The other jet was flying high cover and saw the engagement by the other jet, this jet confirms visual id of the capsule and the other jet chasing it. Both jets lost contact in haze.

The time has come for the truth to be revealed. There is a saying which goes like this:

3 THINGS CANT BE HIDDEN FOR LONG. THE SUN, THE MOON AND THE TRUTH - ~UNID~

[edit on 4-2-2007 by thefinaltheory]

air5five

posted on Feb, 4 2007 @ 05:34 AMlink

This is fabulous. Congratulations to all who put this together.  
Kudos guys, big time.

Will you confirm that there is no audio for this? Just want to make sure.

Of course I hope you will release the rest of your evidence! All of it together should really tell an undeniable story.

Thanks for coming forward. Very brave.

ETA

One of my closest friends was in the Air Force 23 years. I'll have him look at this asap to see an insider's explanation of what is being shown here...

and:

You have voted thefinaltheory for the Way Above Top Secret award.

[edit on 4-2-2007 by air5five]

thefinaltheory

posted on Feb, 4 2007 @ 05:44 AMlink

Thanks, and I'd like to personally thank Cometa for doing the write up journalist work and for helping putting this all together into one complete post.

CONFIRMED: There is no audio to this.

[edit on 4-2-2007 by thefinaltheory]

BallOfPopulation

posted on Feb, 4 2007 @ 05:45 AMlink

Superlative work.

one\_small\_step

posted on Feb, 4 2007 @ 06:00 AMlink

Thanks again, but the link/file isn't downloading. Is it that good thats it already been pulled.?!?!?!?

cometa

posted on Feb, 4 2007 @ 06:01 AMlink

thanks, mate!

people, we got to figure out whats the truth about ufos and we wont achieve this by talking and endlessly talking and thinking about it over and over again.

do we need thousands of more reports or pictures?

how can we ever tell what is true and what is not true?

the world is ready for this.

you, who reads, and i - we are ready for this.

there is no difference between you and me.

there is no difference between us all.

we have to unite people, we just have to and this is serious.

lets us take this very first step.

let us take it now and let us not forget, what the world has seen yet and what there is to come for us.

we are the mighty ones.

we have to form a very new kind of community.

we have to form a community with influence, because we are the influence.

we have to form a new generation, because we are the new generation.

we have to form a community out of the real power and this power i am describing, that is the power actually we do posses, not our so called leaders.

we are the mighty ones.

we, the people, do not want or even need leaders.

leaders that rage war and bring suffering to us since thousands of years!  
since thousands of years we have been living in the absence of ourselves.  
since thousands of years we suffered and we died - for nothing.  
thousands of years and thousands of tears - for nothing?  
we have to turn the tables - now!

we are the mighty ones.  
we are many and we have no fear.  
we are the mighty ones.  
we will come and go, but we will prevail.

soon, there will be a website available you will be able to receive more  
information. and we will spread flyers everywhere with that website and it will  
appear in every language the people speak.

godspeed to you all

ps: maybe for some of you the link wont work, because its located on a german  
server. but do not worry about this, we have the files and you will get them.

[edit on 4-2-2007 by cometa]

[edit on 4-2-2007 by cometa]

thefinaltheory

posted on Feb, 4 2007 @ 06:02 AMlink

Originally posted by one\_small\_step  
Thanks again, but the link/file isn't downloading. Is it that good thats it  
already been pulled.?!?!?!?

Are you sure? I just verified right now that it IS working fine... it may be  
flooded with downloads, just keep trying. Also do you have any downloading  
programs like IDM that may be interferring with it?

cometa

posted on Feb, 4 2007 @ 06:09 AMlink

yes, maybe some people wont be able to receive the file, because their internet-  
connection is

a.) bad configured (change TTL to a huge value like 128, for this use a program  
like TCP OPTIMIZER. you can check out your TTL value on [www.speedguide.net](http://www.speedguide.net) with  
the tcp/ip analyzer which can be found in the menu located to the left. on that  
site you will also find the tool.)

b.) too far away from the server

TTL = time to live value

if you send data out of your computer it will lose one TTL. and every network it  
passes it will lose one TTL again. so after eg. 128 TTL's the data will be  
automatically deleted "by the internet" after having passed 128 networks.

[edit on 4-2-2007 by cometa]

one\_small\_step

posted on Feb, 4 2007 @ 06:13 AMlink

All good now - Thanks again for the post. The old right mouse - save target as - trick worked.

Cometa,

mythatsabigprobe

posted on Feb, 4 2007 @ 06:38 AMlink

Sorry it's totally uninspiring video of a dot.

Why is there never any conclusion to these fabulous tales of UFO's? The fuzzy dot just heads off the screen and that's it? Where is the huge thing in the water? Did that just disappear too?

Floh

posted on Feb, 4 2007 @ 06:51 AMlink

But that 'dot' gets progressively larger and smaller and does not remain 'dot' shaped. then it shoots off. too fast for the camera to follow. i think, anyway.

IMO, it is much more than a 'dot' and is inspiring.

[edit on 4-2-2007 by Floh]

Celtibero

posted on Feb, 4 2007 @ 07:27 AMlink

Originally posted by Floh

But that 'dot' gets progressively larger and smaller

Not at all. The getting larger and smaller is an effect of the zoom of the IRST/FLIR device used. If you pay attention, you will see on the left margin an indication of the zoom level.

Isaackoi

posted on Feb, 4 2007 @ 07:44 AMlink

Originally posted by thefinaltheory

As promised this story is the real deal. So go on and make your own thoughts and decisions about this.

The video you are about to see seems to be a FLIR-hud-vision captured by one of the jets, that were sent out to intercept the unknown object. The materials we (me and one other ATS member who wished to remain nameless) used for this analysis/post were this video, an event-log and a power-point-presentation, but the information included in there has not been worked out yet. The files we have can be released on demand.

Hi thefinaltheory,

Well, you asked for thoughts...

I have three points to make (the third of which is probably the most significant).



Firstly, the video is similar to (though not the same one as) a video purportedly from an Australian jet fighter's HUD (Heads-Up Display) created last year by a film maker called Chris Kenworthy. He created that video as part of a series of "UFO" forming an "immersive artwork" project funded by the Australian Film Commission.

Once the hoax was revealed, Chris Kenworthy obtained a reasonable amount of publicity on the Internet. Members of ATS should be aware that other film makers may try to generate publicity in the same way by copying Chris Kenworthy's project.

His "immersive artwork" project involved creating various UFO videos using Computer Generated Imagery (CGI) and video editing techniques, such as compositing. He also made available fictional stories to accompany those videos.

For example, the "Australian's fighter HUD display" footage was accompanied by a story somewhat similar to the text accompanying the video posted with your link above. The "Australian's fighter HUD display" video was accompanied by text stating: "The witness who sent this tape did so on condition that he not be interviewed or contacted, or even questioned regarding the footage. For obvious reasons I do not have the original camera tape. Thousands of people have written to point out that there is a date stamp in the bottom right-hand corner: July 13th 2006. Many people have written suggesting possible locations, with the most likely being off the coast of Kwinana in Western Australia, although this is unconfirmed. There is strong speculation from many sources that this was shot with a FLIR Star Safire camera (or something similar), from a helicopter. Investigation is ongoing."

That "Australian HUD display" footage has been discussed on ATS in the thread below, in which I posted various links and further details of Chris Kenworthy's "immersive artwork" project:  
[www.abovetopsecret.com...](http://www.abovetopsecret.com...)

The webpage relating to Chris Kenworthy's "Australian HUD display" footage can be found at the link below:  
[www.australianufowave.com...](http://www.australianufowave.com...)

Secondly, members of ATS should be slightly suspicious of individuals posting "UFO" videos with a rather vague accompanying story one day after they registered. The lack of any track record on ATS makes it somewhat difficult to assess your credibility. It makes more possible (though of course does not prove) that you are merely a hoaxter that has published a link to a video that you have created.

Thirdly, and most significantly, the link you gave is part of the German website at the link below:  
[www.vision-unlimited.de...](http://www.vision-unlimited.de...)

As the photographs indicate, that website is related to film making.

I have translated some of German text on that website, from which it is apparent that the website is that of a group of film students from the Stuttgart area.

The website is stated to be for the purposes of presenting those film student's own projects and to give prospective customers a view the work they can create.

More details of their film projects can be found at the link below:  
[www.vision-unlimited.de...](http://www.vision-unlimited.de...)

Notably, at least one of those film projects appears to have involved creating computer generated spaceships.

Conclusion : Pending release of the promised further "files", this video should be tentatively identified as an attempted hoax on ATS by members of the "vision-unlimited" group of German student film makers.

Kind Regards,

Isaac Koi

ignorant\_ape

posted on Feb, 4 2007 @ 07:51 AMLink  
you again ?

sigh , here we go , again

Originally posted by thefinaltheory

As promised this story is the real deal. So go on and make your own thoughts and decisions about this.

FAKE !

here is why :

the A/C , according to the data displayed on the vid - is flying a level course at cruising speed , maintaining altitude and compass bearing , it makes no manouvers , outside of simple trim adgustmets

the claimed intercept speeds / altutudes and manouvers described in the OP text , simply are not co - oberated my the vid

nor does it make any attempt to persue the " object " or maintain lockon when it " vanishes " from view

IMHO , this clip is either misrepresented or a blatant hoax , edited after the fact to make it seem like routine training footage is actually an UFO intercept

PS - i guess this vid validates my observation in your last thread when i pointed out that HUD cameras do not encode the " pilot nick name "

i have no idea what your adgenda is - or the reason for your spamming ATS with fakes

nor for that matter do i care

ATS is not " fake freindly " you may consider that a warning

ArMaP

posted on Feb, 4 2007 @ 08:11 AMLink  
thefinaltheory

Could you post the other files, the event-log and the powerpoint presentation?

The more data we have the better.

T0by

posted on Feb, 4 2007 @ 08:36 AMLink

Well I think isac just blew that thing apart, 2 posts in.  
Good work. : )  
I was unimpressed too.  
None of this seems right.

pompano

posted on Feb, 4 2007 @ 08:42 AMlink  
Fake, Fake , Fake, this guy had ATS erase his first thread in return to post this video. Why? because his story had inconsistencies everywhere and he knew he had already screwed the whole bit up. ATS fell for it hook, line, and sinker. Way to deny ignorance guys!!

ImaginaryReality1984

posted on Feb, 4 2007 @ 09:01 AMlink  
Hoaxers really are beginning to get on my nerves. Why do they do it? Advertising i can understand, it can be a good way of gaining noterity as a film maker, but do others simply do it for attention? What other reasons other than a truly moronic sense of humour is there?

For those trying to find the truth about a subject it seems truly horrible that people would continue to post hoaxes. Go and get a life instead of posting rubbish.

ignorant\_ape

posted on Feb, 4 2007 @ 09:01 AMlink

Originally posted by pompano  
ATS fell for it hook, line, and sinker.

did it , really - all of ATS " fell for it " ?

i guess you did not read the post by " issac koi " and the next , by myself - which outline our reservations regards this tapes provenance

please do not make crap up , ats did not " fall for it "

so why are you attempting to create drama by claiming " it " did

ATS is a collective of > 70 THOUSAND members , " it " does not have a unified view on any topic

Way to deny ignorance guys!!

instead of attempting to belittle the entire membership , and humiliate the ones who might not have the skills or training to see for themselves why it is a fake be part of the solution , not part of the problem .

please stop being an asshat , and try education . it works

educate the members who are unsure , or believe it is genuine , bu=y pointing out the logical flaws in the footage

you talk about denying ignorance ..... please start with your own

[edit on 4-2-2007 by ignorant\_ape]

ImaginaryReality1984

posted on Feb, 4 2007 @ 09:05 AMlink

Originally posted by ignorant\_ape

[ATS is a collective of > 70 THOUSAND members , " it " does not have a unified view on any topic

I think there is one thing we all do have a unified view on, we all dislike hoaxers.

#### new topics

Bodies aren't even cold.

Political Mud-Pit: 14 minutes ago

UFO Balloons Engineered Panic To Distract From Nord Stream Revelations

World War Three: 17 minutes ago

Wagner chief admits to founding Russian troll farm sanctioned for meddling in US elections

Political Mud-Pit: 48 minutes ago

Oscar Pistorius To Get 24-hour Police Protection Upon Release, As Reeve

Steenkamp's Father Calls La

Breaking Alternative News: 2 hours ago

Superbowl commercials

Television: 3 hours ago

Covid: 3 mrna shots means big trouble?

Diseases and Pandemics: 3 hours ago

Life of 36 year old mother destroyed after second dose of the Moderna mRNA 'vaccine'

Diseases and Pandemics: 3 hours ago

January 2023 Biden-Inflation was a Whopping 6.4 percent - He is Destroying the America We Love.

Political Mud-Pit: 4 hours ago

UK Nuke Do Not Panic We Have A Plan

World War Three: 4 hours ago

Calling all righteous folk in the UK - how can we begin to reach the enlightened masses?

New World Order: 4 hours ago

#### top topics

U.S. Government May Fear Violence by Religious People if Non-Human Intelligent Life is Revealed.

Conspiracies in Religions: 16 hours ago, 21 flags

Wearing a Mask Did NOT Slow the Spread of Covid - This Feb 2023 Study Has Convinced the Skeptics.

Diseases and Pandemics: 16 hours ago, 20 flags

State Department Bankrolls Group Secretly Blacklisting Conservative Media

New World Order: 17 hours ago, 17 flags

900 Percent Misinformation - MSM Robots

Political Mud-Pit: 5 hours ago, 15 flags

Equatorial Guinea confirms outbreak of Marburg virus, 9 dead

Diseases and Pandemics: 16 hours ago, 14 flags

January 2023 Biden-Inflation was a Whopping 6.4 percent - He is Destroying the America We Love.

Political Mud-Pit: 4 hours ago, 14 flags

X-62A flies 17 hours under AI control

Aircraft Projects: 17 hours ago, 12 flags

America Has Been Captured by the British Empire

General Conspiracies: 5 hours ago, 11 flags

Russian Navy aircraft carrier Admiral Kuznetsov to leave dry dock

World War Three: 9 hours ago, 10 flags  
Skunk ape encounter, west Florida, 1975.  
Cryptozoology: 16 hours ago, 9 flags

active topics

UFO Balloons Engineered Panic To Distract From Nord Stream Revelations  
World War Three • 10 • : MetalThunder  
Simulation or Glitch in the Matrix  
Paranormal Studies • 38 • : ltrz2025  
Bodies aren't even cold.  
Political Mud-Pit • 4 • : TexasTruth  
Superbowl commercials  
Television • 10 • : American-philosopher  
Aerial Event Megathread  
Other Current Events • 128 • : Mantiss2021  
U.S. Government May Fear Violence by Religious People if Non-Human Intelligent Life is Revealed.  
Conspiracies in Religions • 71 • : TzarChasm  
Wagner-affiliated channel reports another extrajudicial killing of recruit with sledgehammer  
World War Three • 48 • : Freeborn  
Wagner chief admits to founding Russian troll farm sanctioned for meddling in US elections  
Political Mud-Pit • 11 • : Thrumbo  
Covid: 3 mrna shots means big trouble?  
Diseases and Pandemics • 19 • : Daalder  
ABC Reporting Lake Huron UAP Shootdown  
Other Current Events • 101 • : xuenchen

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<https://www.abovetopsecret.com/forum/thread265835/pg2>

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Fighter Jet UFO Footage: The Real Deal

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John Nada

posted on Feb, 4 2007 @ 10:03 AMlink

Good work Isaac!

I think it's also worth pointing out that I'm almost fully certain that it's the camera panning to the right at the end, not the dot moving to the left. A simple attempt to create the illusion of movement from the dot.

Floh

posted on Feb, 4 2007 @ 10:10 AMlink

I'd like to thank everyone who helped me smell the coffee. yes, gullible is clearly my middle name but wth people who put forward reasonable de-bunking clues such as in this thread, i'm saved!

coronamoz

posted on Feb, 4 2007 @ 10:30 AMlink

I really see no difference between this and most ufo videos.

pass.

cometa2

posted on Feb, 4 2007 @ 10:44 AMlink

nice, i finally can log in with a new account.

people, listen to me. dont believe that nerds calling this a hoax.

first of all. vision-unlimited has got nothing to do with the author or the source of this video. vision-unlimited is the webspace provider only, so that you can download this video.

what a small minded way of thinking you hoax-shouters have, it is just ridiculous!

and something other, the log, is the log. the video, is the video. it does not show the object in the watter, which is due to no further information to remain unknown and it does not show a hollywood chasing of a ufo. it only does show some certain parts of the interception process.

so dont call this a hoax or compare it with one, you just take the easy way, too easy. but it aint that easy, folks.

it IS something new and special and do not let it be ruined by those hoax-

shouters.

ps: i have to say this again. as you spoke of vision-unlimited and that you found about it and stuff i just had to laugh! because i never thought you people would put these two things together. next time a file like this will be hosted on the disney server. wtf! this really upsets me, because you do not even think about it all, you just see and connect useless # to suit your opinion, thats bull#, not arguing or figuring out, what we really can see. maybe it IS a hoax, but not vision-unlimited or someone else has hoaxed this. this video is right from america and it has been uploaded in the same condition as it has been initially received, so STFU with hoax, with that stuuupid explanations, you guys dont know #.

[edit on 4-2-2007 by cometa2]

subject x

posted on Feb, 4 2007 @ 11:01 AMlink

Originally posted by cometa2

maybe it IS a hoax, but not vision-unlimited or someone else has hoaxed this. this video is right from america and it has been uploaded in the same condition as it has been initially received, so STFU with hoax, with that stuuupid explanations, you guys dont know #.

You can see, however, how one would think it's a hoax just from having it hosted on a film-makers site, can't you? There are so many hoaxers out there that it is best, I think, to start off assuming it's a hoax and working from there. If a video is legit, the pros can tell.

Relax.

LoneGunMan

posted on Feb, 4 2007 @ 11:02 AMlink

What makes this a fake is what Ignorant Ape already stated. The aircraft doesnt not change direction but by a few degrees. He is in straight and level flight, the OP said the object out-turned the fast mover. I am sure it did, because the jet never turned.

Casino2112

posted on Feb, 4 2007 @ 11:22 AMlink

Cometa, I'm assuming from the childishness of your rant, your lack of proper punctuation and spelling, that you are quite young (as seems to be the case with many on the board here). But here's a tip - a good education and a little maturity can be very helpful as you go through life.

IsaacKoi

posted on Feb, 4 2007 @ 11:30 AMlink

Originally posted by Casino2112

Cometa, I'm assuming from the childishness of your rant, your lack of proper punctuation and spelling, that you are quite young (as seems to be the case with many on the board here). But here's a tip - a good education and a little maturity can be very helpful as you go through life.

Hi Casino2112,

I've assumed that the some of the flaws you mention in Cometa's post are because he may be one of the members of the group of German students film makers mentioned in my earlier post.

The English in several of the relevant posts in this thread, including the original post, is somewhat stilted (but far better than my German would be...).

Kind Regards,

Isaac

thefinaltheory

posted on Feb, 4 2007 @ 12:02 PMLink

this is insane and ridiculous, i swear one person calls something legit "FAKE" and everyone jumps on his nuts b/c of his "ats points" or whatever. What you are seeing is real, if you cant believe that and accept it for what it is, you 1) should move on or 2) already have moved on which in my opinion is a good thing, as you are not ready for this sort of thing. Honestly what are you expecting? Stop watching will smith movies and snap back to reality NOBODY is trying to make a hoax or trick people, to be honest nobody gives a # about 'Ignorant Ape' or his ideas or views but its like hes on a political agenda to make people not believe this. Ha, maybe you work for the FEDS you little sh1t. Get the hell out of here.

I'm extremely dissapointed with the board and members here in. You need to log off and go watch your myth busters and jerk off to your debunking schemes. No Wonder NO progress has been made on UFO's its people like you that drag the whole thing down with your blatant and biased disbelief and bitter hate.

/ final theory

ignorant\_ape

posted on Feb, 4 2007 @ 12:30 PMLink

THEFINALTHEORY :

ranting and raving at us will get you nowhere , please cease and desist

Originally posted by thefinaltheory

this is insane and ridiculous, i swear one person calls something legit "FAKE"

i called it fake for several reasons - which i note neither you or your cohort chose to address , why is that ?

Stop watching will smith movies and snap back to reality

it is you who is making surreal claims of " locked down carriers " and ariel interceptions of UFOs ,

the one peice of " evidence " you present does not tally with your written statement - and as i have already pointed out , it shows no activity out of the ordinary in the HUD data - the plane is in level flight on a constant heading ,



and does not react in any way to the " ufo "

NOBODY is trying to make a hoax or trick people,

i beg to differ , the trashbin of ATS is overflowing with hoaxers and thier silly claims

your last thread is there

to be honest nobody gives a # about 'Ignorant Ape' or his ideas or views but its like hes on a political agenda to make people not believe this. Ha, maybe you work for the FEDS you little sh1t. Get the hell out of here.

i do not work for " the feds " , and attempting to insult me by circumventing the profanity filter is both rude and childish

and detracts immensely from your claims to legitimacy

I'm extremely dissapointed with the board and members here in.

i am very dissapointed in you , you have made grandiose claims , which are pattenly absurd and even self contradictory

when these flaws are noted , instead of addressing them rationally - you have a tantrum and spit your dummy out

and you claim we are to blame ?

who is really holding back UFO research ?

and lastly , you imply thay you have more evidedence - but will so far it is not forthcoming

might i suggest that instead of tanstrums you attempt to convince us with evidence ?

eaglewingz

posted on Feb, 4 2007 @ 12:33 PMLink

originally posted by thefinaltheory  
posted on 2/3/2007 at 01:33 (post id: 2924439)

The UFO was floating extremely still in mid air, this was 30,000 ft above ground level. It looked literally and i mean LITERALLY just like a disk, no stupid traingles or any gimicky things like Independence Day or whatever. It looks exactly how the goverment wants you to NOT think it looks like. It's simply put, a disk.

So it was floating, the figher pilot tried to get numerous locks on the UFO but everytime the cross hairs tried to hone in the crosshairs scaled back and forth. I dont know how to put it into words well, but I know what i saw. Crosshairs move in and move back out, it couldnt get a lock whatsoever.

After about I say 10 seconds or so the UFO started to move. It moves in ways that we have never seen before, it spontaneously moved in a half circle upward

and paused once again. Then it suddenly teleported about five times all over the pilots screen. The movement is instant and cannot be followed. It simply put, is amazing and so fast the eyes cant see it.

There was a bright light and suddenly it dissapeared, out of sight.

Majic

posted on Feb, 4 2007 @ 12:38 PMLink  
Easy Now!

On ATS, Courtesy Is Mandatory, whatever our claims or opinions might be.

I'm convinced it is possible to both present and analyze the evidence without undue rancor.

Let's please avoid getting personal about all this and confine our comments to the evidence and thefinaltheory's claims.

And on that note, I would very much like to see the additional evidence thefinaltheory has offered to provide.

Perhaps with more context, the nature of this story will become clearer.

IsaacKoi

posted on Feb, 4 2007 @ 12:56 PMLink

Originally posted by thefinaltheory  
this is insane and rediculous, i swear one person calls something legit "FAKE" and everyone jumps on his nuts b/c of his "ats points" or whatever.

Hi again thefinaltheory,

I'm afraid I found your post a bit confused and confusing.

I was the first to suggest this video \_may\_ be a hoax (and identified the group that appears to be behind it), but I haven't noticed anyone "jumping on my nuts".

I think I would have noticed that sort of thing.

Anyway, I didn't scream "FAKE". Go back and see my actual post. For ease of reference, I'll repost my conclusion:

Originally posted by IsaacKoi

Conclusion : Pending release of the promised further "files", this video should be tentatively identified as an attempted hoax on ATS by members of the "vision-unlimited" group of German student film makers.

Kind Regards,

Isaac Koi

I stand by that tentative conclusion pending the further "files" you mentioned, but have not yet provided.

Originally posted by thefinaltheory  
NOBODY is trying to make a hoax or trick people

Hoaxes are fairly common in relation to UFO videos, so SOME people are trying to make hoaxes or trick people.

The only question in this thread is whether \_this\_ particular video is genuine or not.

Originally posted by thefinaltheory  
Ha, maybe you work for the FEDS you little sh1t. Get the hell out of here.

I think that remark was addressed to Ignorant\_Ape, rather than me. It hardly advances your arguments.

Originally posted by thefinaltheory  
blatant and biased disbelief and bitter hate.

I hadn't noticed any "bitter hate", merely some questions and points being raised in a calm and rational manner - which have not been addressed by those promoting the video in any rational manner.

Please post the further "files" and/or address the points which have been raised.

Kind Regards,

Isaac Koi

[edit on 4-2-2007 by IsaacKoi]

MadMachinist

posted on Feb, 4 2007 @ 01:00 PMLink  
i agree i cant comprehend why it is people always bash so hard on others that they are hoaxers especially when the informant still has more information to provide.  
they way people react were lucky anyone comes forward, there is no concrete proof that the video is fake or real so i say get all the evidence then decide before chassing people off.

shots

posted on Feb, 4 2007 @ 01:09 PMLink

Originally posted by thefinaltheory  
The files we have can be released on demand.

Well you can consider this request as a Demand. I would like to see those files and assume of course they bear the name of the organization who allegedly took the flir shot.

What what I can see it appears to be fake but I am no expert.

[edit on 2/4/2007 by shots]

pompano

posted on Feb, 4 2007 @ 01:10 PMLink

Originally posted by ignorant\_ape

did it , really - all of ATS " fell for it " ?

i guess you did not read the post by " issac koi " and the next , by myself - which outline our reservations regards this tapes provenance

please do not make crap up , ats did not " fall for it "

so why are you attempting to create drama by claiming " it " did

ATS is a collective of > 70 THOUSAND members , " it " does not have a unified view on any topic

instead of attempting to belittle the entire membership , and humiliate the ones who might not have the skills or training to see for themselves why it is a fake be part of the solution , not part of the problem .

please stop being an asshat , and try education . it works

educate the members who are unsure , or believe it is genuine , bu=y pointing out the logical flaws in the footage

you talk about denying ignorance ..... please start with your own

[edit on 4-2-2007 by ignorant\_ape]

I did not mean the community of ATS. In my post I made that clear, because the community does not have power to delete threads. Sometimes you have to read between the lines Ape. Enough said.

[edit on 4-2-2007 by pompano]

ShatteredSkies

posted on Feb, 4 2007 @ 01:46 PMLink

As according to the HUD, the aircraft is flying at Flight Level 200. The aircraft maintained this the entire time and never performed any form of maneuvers, nor did the UFO in question until at the very end when it simply zipped off.

The only thing I noticed here was the FLIR zooming in and out. This is a poor attempt at a video proving a radical story. The video doesn't even show anything that the corresponding story explains, there were never any maneuvers done by any of the aircraft except at the end.

Shattered OUT...

seentoomuch

posted on Feb, 4 2007 @ 02:31 PMLink

When the other files are linked would you consider going over those too? They are the log files and a powerpoint presentation that accompanied the video so

therefore are allegedly military generated. Would love to have your opinion on these also.

Gotta say, this board's membership is its number one asset, all the knowledge of 70,000+ within our reach.

STM

[edit on 4-2-2007 by seentoomuch]

ShatteredSkies

posted on Feb, 4 2007 @ 03:06 PMLink

I'll take a look at it, you might also want to obtain the council of Ignorant\_Ape, Waynos, Westpoint32, and the other subject matter experts in the Aircraft Projects forum. There will be where you'll find all the expertise in this area. The UFO forums however, sadly are plagued with people who are not knowledgeable in this area.

Just post the rest of the files, the more information we have, the better our conclusion on the matter can be.

Shattered OUT...

seentoomuch

posted on Feb, 4 2007 @ 03:39 PMLink

I've just cc'd you with a copy of the request for expertise U2U I just sent to the members you listed. Ignorant ape has been present on the thread from the beginning but I included him as well as we need a consensus. Y'all are a great bunch for helping out here.

STM

[edit on 4-2-2007 by seentoomuch]

new topics

Humans race for AI brain implants despite the inevitable threat of militaristic autonomy

Military Projects: 2 hours ago

BREAKING: Saudi Arabia Confirms Joe Biden Tried to Coerce Oil Prices Until After Midterm

Political Mud-Pit: 2 hours ago

Superintendent Defends 7th-Grade Boy Masturbating In Front Of Classmates, Claims It's Normal

Social Issues and Civil Unrest: 2 hours ago

Christians And Muslims Unite In Michigan To Fight Sexually Explicit Material In School Libraries

Social Issues and Civil Unrest: 2 hours ago

Alex Jones Billion Dollar Judgement

Breaking Political News: 2 hours ago

Biden and Dem to start rerouting Venezuelans back to Mexico

Political Mud-Pit: 4 hours ago

Trump employee tells FBI of order to move Mar-a-Lago boxes

Breaking Political News: 4 hours ago

Dope Lemon  
Music: 5 hours ago  
Man Pleads Guilty to Insurance Fraud After Staging a Politically Motivated Arson Attack  
US Political Madness: 7 hours ago  
France running out of gas  
Social Issues and Civil Unrest: 8 hours ago

#### top topics

Obama-Biden-Hillary Criminality - Their GET TRUMP Timeline - Updated October 2022.  
Political Mud-Pit: 11 hours ago, 24 flags  
As if We Didn't Already Know  
Political Mud-Pit: 15 hours ago, 19 flags  
Why NOBODY should be using the 'thumbs up' emoji in 2022  
People: 15 hours ago, 17 flags  
France running out of gas  
Social Issues and Civil Unrest: 8 hours ago, 15 flags  
BREAKING: Saudi Arabia Confirms Joe Biden Tried to Coerce Oil Prices Until After Midterm  
Political Mud-Pit: 2 hours ago, 12 flags  
Christians And Muslims Unite In Michigan To Fight Sexually Explicit Material In School Libraries  
Social Issues and Civil Unrest: 2 hours ago, 11 flags  
Study Shows Lockdowns Impacted Babies' Development  
Diseases and Pandemics: 16 hours ago, 11 flags  
BBC Uncovers Ballot Box Stuffing  
Political Mud-Pit: 17 hours ago, 11 flags  
Lolz about electric vehicles  
Rant: 12 hours ago, 11 flags  
Germans told to stop whining ready in case of blackouts this winter  
World War Three: 10 hours ago, 10 flags

#### active topics

Obama-Biden-Hillary Criminality - Their GET TRUMP Timeline - Updated October 2022.  
Political Mud-Pit • 13 • : carewemust  
The Democrat-led Jan 6th Congressional Committee Seeking to GET TRUMP... Admits FAILURE.  
Political Mud-Pit • 41 • : Zanti Misfit  
So What's Next?  
World War Three • 238 • : TheRedneck  
Trump asks supreme court to reverse ruling on classified Mar-a-Lago files  
Political Mud-Pit • 44 • : Zanti Misfit  
-@TH3WH17ERABB17- -Q- Questions ---SHALL WE PLAY A GAME ONCE MORE?--- -Part- --41--  
Political Conspiracies • 5934 • : FlyingFox  
Tulsi Gabbard FINALLY had her walk-away moment.  
Breaking Political News • 43 • : Zanti Misfit  
FBI intel analyst tells Durham agency offered Steele \$1M to corroborate dossier  
Political Mud-Pit • 17 • : AutomateThis1v2  
Trump lawyer Christina Bobb speaks to federal investigators in Mar-a-Lago case  
Political Mud-Pit • 99 • : carewemust  
So the "vaxxine" was never tested on transmission, more and more BS.  
Diseases and Pandemics • 38 • : karl 12  
Russia Ukraine Update Thread - part 2  
World War Three • 7073 • : Kenzo

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Fighter Jet UFO Footage: The Real Deal

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posted on Feb, 4 2007 @ 04:09 PMLink

I would like to make clear that i believe in strange craft flying about, there is plenty of extremely good footage accompanied by testimonies from police officers, airliner captains, scientists, politicians and even an astronaut (Gordon Cooper). So why don't i believe your claims and this footage? Well because the classic signs of a hoax are there, including your attitude. Let's take a look shall we.

Originally posted by thefinaltheory

or 2) already have moved on which in my opinion is a good thing, as you are not ready for this sort of thing.

Classical hoaxer behavior. Instead of addressing points made and lending credibility to yourself and therefore your claim. You simply try to make those

saying hoax seem stupid or ignorant. Hopefully getting everyone to laugh at them. Sadly for you the majority of people on this site seem to be well informed, educated and intelligent.

Originally posted by thefinaltheory

Stop watching will smith movies and snap back to reality NOBODY is trying to make a hoax or trick people, to be honest nobody gives a # about 'Ignorant Ape' or his ideas or views but its like hes on a political agenda to make people not believe this. Ha, maybe you work for the FEDS you little sh1t. Get the hell out of here.

If the mods don't ban your IP for that one i will be extremely dissapointed. You have been caught out and you really don't like it, another hoaxer sign. Anyone with a true story tends not to be like this, they disagree and try to make there case clear. Someone with facts doesn't usually need to get so angry and sling around the insults. For your infomation ignorant\_ape tends to make some very good points, logically thought out. I don't always agree with the guy but here i have to agree with what he has said.

People hoax all the time, i even started a thread a while back on why hoaxers hoax after the surge of threads ATS with rubbish all over them.

Oh and what's wrong with Will Smith movies? Seriously i like the guy, and I Robot was great!

Originally posted by thefinaltheory

I'm extremely dissapointed with the board and members here in. You need to log off and go watch your myth busters and jerk off to your debunking schemes. No Wonder NO progress has been made on UFO's its people like you that drag the whole thing down with your blatant and biased disbelief and bitter hate.

Bitter hate? You are the one trying to circumvent the profanity filter, it isn't big and it isn't clever. All this does is confirm you are a very immature kid, which again seems to be classic hoaxer material. As for mythbusters, well hey they are trying to deny ignorance so thumbs up from me there.

Progress has been made on UFO's, by definition UFO's exist as they are simply unidentified flying objects, this can include ball lightning, flurescent gases etc until they are identified as such. We are talking about flying craft which are completely different to anything the general public knows about. Do these exist? Well in my view yes, the battle of L.A, Rendalsham Forest and the Belgium triangle convinced me of that.

Edit

Sorry for assaulting your character here but the person presenting the evidence is as important as the evidence itself with this kind of thing.

[edit on 4-2-2007 by ImaginaryReality1984]

CthulhuRising

posted on Feb, 4 2007 @ 04:19 PMLink  
Ignorant Ape 2 Thefinaltheory 0

having been a tech in the Navy for 10 years working on tracking systems I gotta agree 100% with ignorantape once again. Now that you have released the AMAZING



video. Absolutely nothing extraordinary about it at all except your comments..AND if any debunking has been done it was by yourself with the comment about the pilots NICK appearing in the HUD video.....

F for penmanship

F for video presentation

Goodnight....

[edit on 4/2/07 by CthulhuRising]

air5five

posted on Feb, 4 2007 @ 05:58 PMLink

TheFinalTheory, you lost me at the point when you started swearing and attacking instead of answering the criticism of your story/footage.

Oh man, I am feeling so humbled.

I allowed myself to get caught up in the excitement of being one of the first ones to see this evidence and I turned off my critical thinking hat.

This is not to say that I am calling a hoax. I'm doing what I should have done right off: stepping way back and waiting for rational explanations and compelling evidence. And carefully considering all the debunking info. And then deciding what I think.

Thanks very much ignorant\_ape for the gentle comments you made in support of members like me:

Originally posted by ignorant\_ape...instead of attempting to belittle the entire membership , and humiliate the ones who might not have the skills or training to see for themselves why it is a fake be part of the solution , not part of the problem...

...educate the members who are unsure , or believe it is genuine , by pointing out the logical flaws in the footage...

cometa2

posted on Feb, 4 2007 @ 06:05 PMLink

ok, first of all, i did not mean to insult someone here.

please excuse my bad language. thank you.

you can be assured that i am at least as critical as you.

i really think we should give this one a try, because i think it is still interesting footage.

to the video. yes, the jet does NOT perform any maneuvers. it is clearly visible. so what? like i said, there is a log, and there is a video. i think the maneuver itself took about at least 8 minutes, but we do not have 8 minutes of video. so why are you wondering that the jet is in a straight flight, while he does a focus on the object? and what seems to be obviously fake on that video, i am asking you? just because the jet doesn't fly around like a wild hornet and shoots rockets at the ufo. i am sorry, but like i said before this is all we got. no hollywood ufo-chasing. i hope that is enough for you.

and if it would be something else, whatever - just not a supposed ufo, i think you would not have called it a hoax so quickly.

for myself i only can hope that is not a hoax. but i also hope that we will be able to find out if it is actually a hoax.

cya, cometa out

[edit on 4-2-2007 by cometa2]

ps: ktulu, if you are the real pro, then tell us exactly how the FLIR-hud works (i mean EXACTLY), and what are we able to see, if not a FLIR-hud, trying to acquire an object?

[edit on 4-2-2007 by cometa2]

pss: by the way, how would you fake a video like this one. any suggestions?

[edit on 4-2-2007 by cometa2]

kuhl

posted on Feb, 4 2007 @ 06:08 PMLink

Originally posted by thefinaltheory

3 THINGS CANT BE HIDDEN FOR LONG. THE SUN, THE MOON AND THE TRUTH - ~UNID~

[edit on 4-2-2007 by thefinaltheory]

4 things...your 3 and.....

the fact you got your first thread trashed.....I may be out of line here but I'm still unconvinced.

Note to MODS if I'm outta line I aploogise but removing threads for someones questionable vid?

BallofPopulation

posted on Feb, 4 2007 @ 06:51 PMLink

I think people are jumping to conclusions here.

I have seen similar HUD videos like this, some with UFO's and some not, that were genuine HUD views, even if the UFO's were something else entirely, and this one doesn't deviate that badly.

video.google.com...

www.youtube.com...

video.google.com...

[the last one is a known fake, the UFO part that is]

Those are three similar videos, at least in that they are using that kind of HUD technology [I think], and they obviously are not the same. Different planes or jets will probably have differen't looking HUD views. In real life, things don't always conform to how things work where you work [if you're in the military].

What about this video is extremely wrong or telling of its falseness? I can't tell, thats why I'm asking. I know the thefinaltheory and cometa's comments may have been out of line, but subtract their personal statements and just look at the evidence for a second. Also, thefinaltheory, documents would be of much help.

[edit on 4-2-2007 by BallOfPopulation]

lbennie

posted on Feb, 4 2007 @ 06:58 PMLink

Originally posted by thefinaltheory

The capsule passed under the jet at 4KFT at course 300. the jet turned to acquire the capsule.

While the jet was descending and turning the capsule began climbing and turned inside of the jets turn radius. The pilot estimated that the capsule achieved 600-700 KTS. The jet could not keep up with the rate of turn and the gain of altitude by the capsule. The jet then lost visual on the capsule in haze. Last visual contact was at 14KFT, capsule heading due east.

unless you accidentally posted the wrong video with the story, i think your lying. none of what was said above happens in the video provided.

its a case of very ordinary video, with a very extraordinary story

thefinaltheory

posted on Feb, 4 2007 @ 08:18 PMLink

Sorry to all I have insulted, but I find most of you members in this thread highly annoying. Answer this what have you contributed to this community, who here has official real ufo footage? Answer is probably noone. I'm not pulling a hoax, this is an official navy video account of a ufo encounter. The reports we have havent been released because it is very sensitive has many plane names, and callsigns and also officer names. I'm not sure how to handle that or if i will ever release it, maybe I'll send out a edited version... though I am sure everyone will scream hoax. I just honestly dont get you people, I've been bashed from the start...when I came here with information and obviously good intentions. I seem to have devoloped a hate crew on here. Anyways whatever, my contribution is made... the proof is here. We can deduct many facts from this video, see the problem is .... I think you guys are expecting too much... your not going to get the whole puzzle just at once... but here is definently a genuine piece of it.

Once again, I apologize for my vulgar language... It was uncalled for... but respect should go both ways, and thats not what I'm seeing on ATS...at all.

-final theory

Majic

posted on Feb, 4 2007 @ 08:32 PMLink

Snapshot From The Video

As requested, here's a snapshot taken from the video footage:

Admittedly, it's not the best possible, so if anyone else wants to post some better screenshots or analysis, please do!

Paddle Gauntlet

thefinaltheory, please don't let the native skepticism of some of our members discourage you.

There is a madness to the method, and I hope you'll come to agree that in a climate where so many UFO hoaxes have been paraded before the world, it's understandable that many of us would turn a jaundiced eye toward new claims.

However, the potential is there if your evidence is genuine, and I urge you to present your evidence regardless of what skeptics might make of it.

Speaking as a former squid myself, I'm sure you've seen worse, and have a thick enough skin to do what your conscience demands you do.

lbennie

posted on Feb, 4 2007 @ 08:34 PMLink

i think rewording the thread title would have gotten you a bit more respect.

stating this is the 'real deal' and then posting, what is at best, shakey evidence, does not help your cause at all.

kuhl

posted on Feb, 4 2007 @ 08:36 PMLink

Originally posted by thefinaltheory

I seem to have devoloped a hate crew on here.

-final theory

I'm sorry if you see me as hate crew (I'd put it more evidence seeking crew) but I don't like it when threads are removed for no reason.

seentoomuch

posted on Feb, 4 2007 @ 08:42 PMLink

Hi TFT

I'm 50/50 on this right now.

I have a few questions:

1. Why a partial video? And yet, you describe the full video to us; do you have the full video?

2. Why did you say in your initial post on your initial thread that a carrier called in the Air Force to check it out? Now you are saying it was a Navy plane which is what a carrier would have. This is a very big hurdle for me to get over so help me out here, and I'm no expert on this at all, I may be totally off in this observation.

3. Do you reside in the United States? And are you a citizen of the United States of America?

4. Why all the guttermouth when people question you? It's a necessary part of getting to the facts. Just ignore any assumptions and answer the questions about your story as clearly as possible. Here's a basic formula to follow:

Step 1: Read through the post;

step 2: extract the questions minus the assumptions and personalities;  
step 3: number them;  
step 4: answer them.

As you see I have utilized this method in my post, though it probably wasn't needed here, just wanted to show you how to sort out the wheat from the chaff.

STM

Note: Thanks Majic for posting the still photo of the HUD video. Ignorant ape suggested it as a further means of getting the facts; and the aircraft project members if so inclined will decipher it and give us what info can be gleaned from it. Mods and members working together on this thread. Go Team!

STM

[edit on 4-2-2007 by seentoomuch]

Majic

posted on Feb, 4 2007 @ 08:48 PM  
link  
Rhyme Or Reason

Originally posted by kuhl

I'm sorry if you see me as hate crew (I'd put it more evidence seeking crew) but I don't like it when threads are removed for no reason.

That was me. I did that.

I trashed the thread because the final theory expressed concerns that what he had posted might reveal his identity.

The decision to pull a thread in a case like this is left to each staff member to decide, and if it was a bad call, the responsibility for that call is mine and mine alone.

Given a situation where the identity of a member might be compromised, I felt it best to err on the side of caution.

If that was indeed an error, I imagine it will become obvious soon enough, but given the choice, my opinion is that member privacy takes precedence.

That's the reasoning behind the decision.

I could be wrong, and if anyone thinks I am, I don't want you to be shy about saying so.

kuhl

posted on Feb, 4 2007 @ 08:55 PM  
link

Thanks for making me aware Majic ,So I apologise ,while you are right(IMO) to protect identities,maybe a quick explanation at the beginning of the new thread wouldn't have gone amiss.

On the other hand maybe enough members weren't aware of the old thread and to protect the I.D. of the poster you may be correct ..sorry KUHL

Majic

posted on Feb, 4 2007 @ 09:04 PMLink  
Silent Explanations

Originally posted by kuhl

Thanks for making me aware Majic ,So I apologise ,while you are right(IMO) to protect identities,maybe a quick explanation at the beginning of the new thread wouldn't have gone amiss.

You're right, and I considered sending a U2U to each contributor to the original thread to explain why I trashed it.

I didn't want to make note of the previous thread in this one, because sometimes silence is the best choice of words.

Given where we are (a conspiracy site), there's simply no way I can blame you for being suspicious, and I must apologize for what could be reasonably seen as "pulling a fast one".

Alas, in the course of our duties, us mods find ourselves in situations like this more often than I would have expected before I took the job.

In such cases, I can't claim our decisions to be perfect, but I swear: we really do try our best to do the right thing.

Should you ever doubt that, I pray you'll never feel inhibited from saying so, and no apology is ever required for asking an honest question.

seentoomuch

posted on Feb, 4 2007 @ 09:20 PMLink

There is no doubt in my mind that the decision to trash the initial thread was the right decision. It was totally incriminating to the thread author. He is new here and he clearly made some newbie mistakes, as we all did in the beginning.

STM

Anywho TFT please release the other info unedited for content. Just erase the name and put officer 1, 2, 3 in its place or plane 1, 2, 3. Leave everything else intact, please.

[edit on 4-2-2007 by seentoomuch]

[edit on 5-2-2007 by seentoomuch]

thefinaltheory

posted on Feb, 4 2007 @ 09:47 PMLink

Originally posted by seentoomuch

Hi TFT

I'm 50/50 on this right now.

I have a few questions:

1. Why a partial video? And yet, you describe the full video to us; do you have the full video?

2. Why did you say in your initial post on your initial thread that your carrier called in the Air Force to check it out? Now you are saying it was a Navy plane which is what a carrier would have. This is a very big hurdle for me to get over so help me out here, and I'm no expert on this at all, I may be totally off in this observation.

3. Do you reside in the United States? And are you a citizen of the United States of America?

4. Why all the guttermouth when people question you? It's a necessary part of getting to the facts. Just ignore any assumptions and answer the questions about your story as clearly as possible. Here's a basic formula to follow:

Step 1: Read through the post;  
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step 3: number them;  
step 4: answer them.

As you see I have utilized this method in my post, though it probably wasn't needed here, just wanted to show you how to sort out the wheat from the chaff.

STM

Note: Thanks Majic for posting the still photo of the HUD video. Ignorant ape suggested it as a further means of getting the facts; and the aircraft project members if so inclined will decipher it and give us what info can be gleaned from it. Mods and members working together on this thread. Go Team!

STM

[edit on 4-2-2007 by seentoomuch]

Answers:

1. Why a partial video?

This was all the footage that was taken, (sort of) I have four versions of this video they all are the same for the most part. The "full version" is about twice the length of this and has more ufo movement etc. But for some reason I can't get it to play , it says codec error... though I am 100% positive my codecs are up to date, I even have a codec pack. The second video is the one you see now. The third and fourth appear to be the same video as the second but just a bit shorter. So all in all your not missing anything, I promise you that. Its all more or less...the same.

2. Why did you say in your initial post on your initial thread that your carrier called in the Air Force to check it out?

Let me explain by first apologizing steering you in the wrong direction, that wasnt the intention. On the day that this happened, I was told the air force was here. At that time (3 years ago) i didnt really read the reports in depth to verify if it was true or not, it appears that it was just Navy. At least now we have that clarification.

3. Do you reside in the United States? And are you a citizen of the United States of America?

Yes, born and raised here. The video does reside on a German server for security of myself if thats what your trying to get to.

4. Why all the guttermouth when people question you?  
Again I apologize, you dont know the feeling of having something completely real

and having 20+ people point a finger in your face and call you a liar and everything you tried doing FOR THEM a hoax. It's completely ridiculous and all you ATS members that have posted in this thread have really taken this # to some crazy level. simply put, thats why.

I'd be more than happy to talk to anyone via a chat program to answer more questions, infact I think that would be easier.

Thanks...

TFT

LoneGunMan

posted on Feb, 4 2007 @ 10:16 PMLink

Dude/dudette the problem is that you said the aircraft got out turned and out manuvered by the UFO. Then when you look at the HUD the aircraft is straight and level, extremely straight and level.

Answer that and all will listen.

necroflesh

posted on Feb, 4 2007 @ 10:17 PMLink

Good vid. Being that an old friend of mine is in the navy, and in a high ranking position, he has also told me stories of UFO encounters, similar to this one. Granted TheFinalTheory shouldn't have come back to your guys' questions in such a fashion, but then again from what I was reading, other members did seem to be rude to him/her, short of calling him/her a liar. I believe this vid to be genuine and I also believe that the "story" given with this vid is a synopsis of what I believe to be the pilot's report. I can only imagine what the file that TheFinalTheory has contains.

[edit on 4-2-2007 by necroflesh]

thefinaltheory

posted on Feb, 4 2007 @ 10:19 PMLink

Originally posted by LoneGunMan

Dude/dudette the problem is that you said the aircraft got out turned and out manuvered by the UFO. Then when you look at the HUD the aircraft is straight and level, extremely straight and level.

Answer that and all will listen.

What you are reffering to is a plot synopsis of the detailed report/documentation I and Cometa have. Those words were not mine, it appears to be coming from the reporting officer detailing the pilots encounter. As to why the video doesnt show that, your guess is as good as mine this is all that was apparently taken.

Also to the mods: Can you please boost my U2U limit? I am getting flooded with messages, I only have 10 left. Thanks

[edit on 4-2-2007 by thefinaltheory]

[edit on 4-2-2007 by thefinaltheory]



#### new topics

First NPR and now PBS have rage-quit Twitter because of 3 little words...

US Political Madness: 4 minutes ago

The Need for Speed

General Chit Chat: 58 minutes ago

A trip to the Dentist

Jokes, Puns, & Pranks: 1 hours ago

Joe in Ireland ..think again

Political Mud-Pit: 4 hours ago

Illegal execution by terrorists: Ukrainian official says beheading video is propaganda

World War Three: 5 hours ago

Biden Came along With the Whole Family to Ireland, Including Hunter

US Political Madness: 6 hours ago

CDC Partners With 'Social And Behavior Change' Initiative To Silence Vaccine Hesitancy

Dissecting Disinformation: 7 hours ago

Florida State University professor leaves \$190K job after accusations of faking data on racism

Dissecting Disinformation: 8 hours ago

Missing 411 WSF 2023

Short Stories: 9 hours ago

EXPOSED: The SECRET Behind the Trans Activist 'Army'

Political Mud-Pit: 9 hours ago

#### top topics

NK launches missile aimed at Japan

World War Three: 13 hours ago, 17 flags

Oregon governor signs bill ending reading and math proficiency requirements for graduation

Political Mud-Pit: 11 hours ago, 15 flags

Trump sues Michael Cohen for \$500 million

Political Mud-Pit: 14 hours ago, 15 flags

Food Vax: Study confirms development of oral mRNA vaccine thats produced in-cows milk

Medical Issues & Conspiracies: 12 hours ago, 15 flags

Left - Center - Right - What Are the Commonalities?

Political Mud-Pit: 14 hours ago, 15 flags

Have you noticed some strange accounts on ATS?

General Chit Chat: 9 hours ago, 14 flags

EXPOSED: The SECRET Behind the Trans Activist 'Army'

Political Mud-Pit: 9 hours ago, 13 flags

Biden Ireland: POTUS Itinerary Goes Missing For Hours, Then Shows Up In Street

US Political Madness: 16 hours ago, 13 flags

China Turns Up the Heat

Political Mud-Pit: 13 hours ago, 13 flags

Florida State University professor leaves \$190K job after accusations of faking data on racism

Dissecting Disinformation: 8 hours ago, 12 flags

#### active topics

Someone Asked An Autonomous AI To Destroy Humanity

Other Current Events • 68 • : kwakakev

First NPR and now PBS have rage-quit Twitter because of 3 little words...

US Political Madness • 0 • : AndyFromMichigan

The Need for Speed

General Chit Chat • 2 • : Triton1128

Joe in Ireland ..think again

Political Mud-Pit • 7 • : Klassified

Bud Light suffers bloodbath as longtime and loyal consumers revolt against transgender campaign

Political Mud-Pit • 235 • : Waterglass  
Drag Queen Story Hour vs. Blackface Story Hour  
Political Mud-Pit • 158 • : zosimov  
Alvin Bragg Is Being Sued For Interfering In The 2024 Presidential Election  
Political Mud-Pit • 150 • : Deetermined  
CBDC incoming, FEDNOW to launch in July  
Breaking Alternative News • 177 • : kwakakev  
Have you noticed some strange accounts on ATS?  
General Chit Chat • 56 • : Waterglass  
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4, 2023  
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Fighter Jet UFO Footage: The Real Deal  
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seentoomuch

posted on Feb, 4 2007 @ 10:22 PMlink

Originally posted by LoneGunMan

The problem is that you said the aircraft got out turned and out maneuvered by the UFO. Then when you look at the HUD the aircraft is straight and level, extremely straight and level.

Answer that and all will listen.

Originally posted by thefinaltheory

The "full version" is about twice the length of this and has more ufo movement etc. But for some reason I can't get it to play , it says codec error... though I am 100% positive my codecs are up to date, I even have a codec pack.

LoneGunMan, that question has already been answered though the movement isn't described as a maneuvering chase. If you're good with computers or know someone who is perhaps you can ask them to help with the codec error so that we may see the full length video?

STM

[edit on 4-2-2007 by seentoomuch]

Arkangel4time

posted on Feb, 4 2007 @ 10:22 PMlink

Originally posted by thefinaltheory

The capsule passed under the jet at 4KFT at course 300. the jet turned to acquire the capsule.

While the jet was descending and turning the capsule began climbing and turned inside of the jets turn radius. The pilot estimated that the capsule achieved 600-700 KTS. The jet could not keep up with the rate of turn and the gain of altitude by the capsule. The jet then lost visual on the capsule in haze. Last visual contact was at 14KFT, capsule heading due east.

Neither of the two jets could achieve radar lock or any other means of positive id.

The other jet was flying high cover and saw the engagement by the other jet, this jet confirms visual id of the capsule and the other jet chasing it. Both jets lost contact in haze.

=====

....Are you talking about the included report, (in this thread) ? I'm not sure that I ever said that... I really dont think so as thats just not the case. Please clarify with what you are specifcily referring to.

Yes you did say that

[edit on 4-2-2007 by Arkangel4time]

[edit on 4-2-2007 by Arkangel4time]

kuhl

posted on Feb, 4 2007 @ 10:26 PMLink

Originally posted by thefinaltheory

.

Also to the mods: Can you please boost my U2U limit? I am getting flooded with messages, I only have 10 left. Thanks

I'll donate you 1000 points if the admin allow it ..For your u2us

necroflesh

posted on Feb, 4 2007 @ 10:30 PMLink

Maybe the reason that it doesn't show is because it's on the rest of the vid. Or perhaps the Navy erased it and only left that in case it ever came out.

thefinaltheory

posted on Feb, 4 2007 @ 10:31 PMLink

Originally posted by kuhl

I'll donate you 1000 points if the admin allow it ..For your u2us

thanks I'd appreciate that. As for the maneuvering go back to page 3 on my previous post, I have edited it for clarification.

If anyone wants to try playing the full video, I don't mind sending it. Contact me via U2U to arrange meeting on a chat program / yahoo or AIM/

thanks guys

air5five

posted on Feb, 4 2007 @ 11:21 PMLink

Originally posted by thefinaltheory

Also to the mods: Can you please boost my U2U limit? I am getting flooded with messages, I only have 10 left.

thefinaltheory, if you aren't able to increase your U2U amount through donated points you can do the following:

Take the ATS Extraterrestrial Encounter Survey (worth 500 points)

and

Take this survey regarding the ATS redesign (also worth 500 points)

Then go to the ATS Store in the Member Center and purchase more room for U2Us.

Hope this helps!

thefinaltheory

posted on Feb, 4 2007 @ 11:25 PMlink

Originally posted by air5five

thefinaltheory, if you aren't able to increase your U2U amount through donated points you can do the following:

Take the ATS Extraterrestrial Encounter Survey (worth 500 points)  
and

Take this survey regarding the ATS redesign (also worth 500 points)

Then go to the ATS Store in the Member Center and purchase more room for U2Us.

Hope this helps!

I've got 250 U2U's left ;-) Majic helped me out!

Willard856

posted on Feb, 5 2007 @ 12:03 AMlink

Just to point out an obvious error (well, obvious to those of us who have used the things), the video is not from a HUD, it is from a DDI (Digital Display Indicator). You can tell this by the information around the outside of the box. In the cockpit, there are push-tiles around the outside that correspond to the words. For example, near the word zoom on the top left hand side, you can see two arrows. These align with the buttons. One button zooms in, the other out. Now next to the word zoom, is a number (1.0). This changes to 2.0 a couple of times through the movie. 2.0 is two times zoom.

The next relevant info is at the top of the DDI. The IR indicates that the source image is from an infra-red source, usually a targeting pod on western jets (and as there is additional info on the DDI for laser targeting, this is most likely what it is). When the picture changes (white background, black target), the IR changes to TV, indicating an optical picture (ie what you see with your eyes). Beneath the IR/TV letters is a number and letter, which ranges from about 2 R to 8 L. This is an indication of where the sensor is looking, referenced to the boresight (or centreline) of the aircraft. When it says 3 L, it means the sensor is looking 3 degrees off the nose of the aircraft to the left (R is obviously Right). You can see the target is pretty stationary until the end of the clip, then starts moving left. The reason it disappears so quickly is because the pilot zooms into 2x zoom, goes to a wide field of view (the WFOV letters in the very top left hand side), then back to a narrow field of view (NAR) and the automatic tracking gates don't pick up the target before it leaves the sensors field of view.

As others have said, the aircraft remains pretty much straight and level throughout at 20 000 feet (the B next to the altitude in the lower right hand corner means the altitude is calculated on barometric pressure, an R would indicate Radar altitude).

All in all, it could be anything. It certainly doesn't strike me as anything unusual at this time. Without the comms, or radar info, it remains in the realm of the unknown. Hope the above is of some use!

Edit: To add left and right to the boresight description. You proof-read something a dozen times...

[edit on 5-2-2007 by Willard856]

thefinaltheory

posted on Feb, 5 2007 @ 01:20 AMlink

Thanks Willard...I was wondering what all of that meant, even I dont know. Well check back tommorow, I'm going to clean up the docs and radar information I have as to not devulge peoples identity. When I'm done I'll post up links.

-the final theory-

Update: Certain members have been contacted to look at the documents before releasing it, to make some general sense of it all. I have asked Willard for some help in particular , just awaiting the reply...anyways look forward to progress.

I'm out for the night, so i'll see all of you tommorow approx 1500. Pacific time.

[edit on 5-2-2007 by thefinaltheory]

Vasilis Azoth

posted on Feb, 5 2007 @ 02:03 AMlink  
thefinaltheory,

I see a plane following something. From this video I have no idea what. I have an honest question. Why do you believe this video to be legit?

Vas

lbennie

posted on Feb, 5 2007 @ 02:42 AMlink  
yeh, same.

if you agree with us that the supposed synopsis from the airforce is not reflected in the supplied video, why do you believe this to be legit?

[edit on 5/2/07 by lbennie]

ignorant\_ape

posted on Feb, 5 2007 @ 03:55 AMlink  
Regards the " corrupt vid file " with the " codec error " which cannot be played .

If it is corrupt and cannot be played , how the hell does he know that is on it ?

If this file exists , please upload it anyway - there are ways of restoring it

Also - you claim to be a " computer technician "

This is the second time you have demonstrated a shocking ignorance of basic computer matters

And lastly "a server in germany " does next to nothing to enhance your security / privacy

make that 3 basic errors

lastly - you claim to be in America , and have been born there - and be a naval

comp. tech. , then why does none of your language / vocabulary / idioms etc reflect your claimed experience ?

ignorant\_ape

posted on Feb, 5 2007 @ 03:58 AMlink

Suffice to say , I have not been selected as one of the " trusted reviewers " to proof read the documents , before they are released

but here is a warning to the " reviewers " :

Make sure you keep ALL copies of every draft of the story - and report if and where the story drifts when the " final edit " is released for sanitised public consumption

The final theory is already engaging in backpedaling

Let me explain by first apologizing steering you in the wrong direction, that wasn't the intention. On the day that this happened, I was told the air force was here. At that time (3 years ago) i didn't really read the reports in depth to verify if it was true or not, it appears that it was just Navy. At least now we have that clarification.

Err , NO you claimed to have been on the ship - and downloaded the files direct from the " secure network "

Now you are claiming that when you said " air force " you really meant " navy "

You have clarified nothing , you are at the bottom of a hole , and instead of climbing - you are digging , why ?

And lastly I suspect that your " reviewers notes " will be used to polish the story - I have seen it before the review becomes part of the story .

The reviewers will be used as BS filters and editors - to streamline the story and eliminate glaring inconsistencies and errors of fact and logic

It happened most blatantly with serpo , and my "ape sense " is tingling here too .

The " logs " of this event are taking a lot of " cleaning up " - why - if they are real , any useable edit will still contain unique date / time / unit / vessel etc and other clues which will pinpoint where it came from - who was involved etc

I believe that your " privacy scare " is simply a stall to buy time to refine your hoax

T0by

posted on Feb, 5 2007 @ 04:19 AMlink

Heres a few ways you should act if you genuinely believe what you are claiming is true:

1. Do NOT insult people, stick to facts.
2. Don't get hurt when people don't believe you. You should have been ready for that in the first place.
3. Provide as much evidence as you can, and answer all that you can. And for christ sakes, don't make simple mistakes and contradict yourself. You'll be torn

apart.

If you were really there, you're not going to accidentally type air force instead of navy.

You know, it's the small things that matter in regards to things like this.

4. It's our job here to analyse things to the bone, if you can't deal with that or don't like it then you're in the wrong place.

If theres any discrepencies we'll find it i none minute, no matter how small it is.

And again, don't get pissed off about that.

We're all jaded here. Much like a girl that's been hurt by too many jerks, our defenses are up. : P

IsaackKoi

posted on Feb, 5 2007 @ 04:47 AMlink

Originally posted by thefinaltheory

What you are reffering to is a plot synopsis of the detailed report/documentation I and Cometa have.

Hi thefinaltheory,

You keep referring to further material/documentation.

Almost everyone (including me) that has posted their doubts about the video has indicated that a full opinion would obviously require all available evidence.

Please make that material available. If you have difficulty in uploading it to a website, feel free to email it to me and I'll sort that out.

If you continue to refer to additional material without producing it, we can hardly be blamed for doubting your claims.

Kind Regards,

Isaac Koi

ImaginaryReality1984

posted on Feb, 5 2007 @ 05:28 AMlink

Dammit ignorant\_ape beat me to it again! A curse on you.

Come on guys this is now a joke, he claims to know about computers but it is obvious he knows little. I work with computers everyday installing networks, building and repairing computers and recovering data. This guy seems to know very little for someone working in the navy. You would think they employed the best now wouldn't you.

Also as ape alreayd said, his grammar is indicative of a foreign speaking person. Ok everyone can make a mistake in grammar and spelling, hell i do it all the time, but he has a form of mistake that is common in people who speak german and french as their native languages. In fact a good portion of europe tend to make the same grammar mistakes when speaking english. Becuase this was also hosted on a german film making server, well you can understand the problem i have there.

Originally posted by T0by

We're all jaded here. Much like a girl that's been hurt by too many jerks, our defenses are up. : P



Never was a truer word spoken.

[edit on 5-2-2007 by ImaginaryReality1984]

[edit on 5-2-2007 by ImaginaryReality1984]

thefinaltheory

posted on Feb, 5 2007 @ 06:06 AMlink

For one, I know the full video works because it worked on the ship when I played it back. That's how. A server in Germany is the most secure method of file transfer I can do, seeing as how I am not linked to any accounts it would be impossible at this point to trace who, or where I am. So really I'm wondering , what the heck are you talking about?

ignorant\_ape

posted on Feb, 5 2007 @ 06:22 AMlink

Originally posted by thefinaltheory

For one, I know the full video works because it worked on the ship when I played it back. That's how.

You claim you " lost " the files from the ship - now you claim to have them ? which is it ???

PS - just for the record and clarity :

Are you talking about one incident ? or two separate ones ??

Is this thread a continuation of the carrier thread - or a separate event ?

A server in Germany is the most secure method of file transfer I can do,

That's the best you can do ???????????

If that is your best effort ..... I must suppress the urge to question your competence

seeing as how I am not linked to any accounts it would be impossible at this point to trace who, or where I am.

ROFLMAO :p " Utter twaddle " is my stock phrase of choice @ this point .

If someone did actually wish to track you - the " connect the dots " trail between the file host in germany - and the fact that someone with the moniker " the final theory " is posting claims about this on ATS is not rocket science .

So really I'm wondering , what the heck are you talking about?

The fact you are not following this , speaks volumes - thanks

IsaackKoi

posted on Feb, 5 2007 @ 06:59 AMlink

Originally posted by thefinaltheory

A server in Germany is the most secure method of file transfer I can do

So it's purely a coincidence that your file is on the website of a group of German film making students?

Quite a remarkable coincidence that you selected their website. Really remarkable.

As is the limited knowledge of US Navy and US Air Force terminology and procedures evident in the discrepancies between the content of the video and the content of the account that you posted with it.

We are now 4 pages into this thread, and every post from you just reinforces the view I expressed on page 1:

Originally posted by IsaackKoi

Conclusion : Pending release of the promised further "files", this video should be tentatively identified as an attempted hoax on ATS by members of the "vision-unlimited" group of German student film makers.

Kind Regards,

Isaac

ShatteredSkies

posted on Feb, 5 2007 @ 07:11 AMlink

Hmm, you said that the Navy took this and you made mention of the possible aircraft being the F-4 Phantom am I correct in saying this?

What year was the video feed taken?

Would you at least be able to answer that?

Shattered OUT...

new topics

Bodies aren't even cold.

Political Mud-Pit: 24 minutes ago

UFO Balloons Engineered Panic To Distract From Nord Stream Revelations

World War Three: 27 minutes ago

Wagner chief admits to founding Russian troll farm sanctioned for meddling in US elections

Political Mud-Pit: 58 minutes ago

Oscar Pistorius To Get 24-hour Police Protection Upon Release, As Reeva

Steenkamp's Father Calls La

Breaking Alternative News: 2 hours ago

Superbowl commercials

Television: 3 hours ago

Covid: 3 mrna shots means big trouble?

Diseases and Pandemics: 3 hours ago

Life of 36 year old mother destroyed after second dose of the Moderna mRNA

'vaccine'

Diseases and Pandemics: 3 hours ago

January 2023 Biden-Inflation was a Whopping 6.4 percent - He is Destroying the America We Love.

Political Mud-Pit: 4 hours ago

UK Nuke Do Not Panic We Have A Plan

World War Three: 4 hours ago

Calling all righteous folk in the UK - how can we begin to reach the enlightened masses?

New World Order: 4 hours ago

#### top topics

U.S. Government May Fear Violence by Religious People if Non-Human Intelligent Life is Revealed.

Conspiracies in Religions: 16 hours ago, 21 flags

Wearing a Mask Did NOT Slow the Spread of Covid - This Feb 2023 Study Has Convinced the Skeptics.

Diseases and Pandemics: 16 hours ago, 20 flags

State Department Bankrolls Group Secretly Blacklisting Conservative Media

New World Order: 17 hours ago, 17 flags

900 Percent Misinformation - MSM Robots

Political Mud-Pit: 6 hours ago, 15 flags

Equatorial Guinea confirms outbreak of Marburg virus, 9 dead

Diseases and Pandemics: 16 hours ago, 14 flags

January 2023 Biden-Inflation was a Whopping 6.4 percent - He is Destroying the America We Love.

Political Mud-Pit: 4 hours ago, 14 flags

X-62A flies 17 hours under AI control

Aircraft Projects: 17 hours ago, 12 flags

America Has Been Captured by the British Empire

General Conspiracies: 6 hours ago, 11 flags

Russian Navy aircraft carrier Admiral Kuznetsov to leave dry dock

World War Three: 9 hours ago, 10 flags

Bodies aren't even cold.

Political Mud-Pit: 24 minutes ago, 10 flags

#### active topics

UFO Balloons Engineered Panic To Distract From Nord Stream Revelations

World War Three • 16 • : Creep Thumper

-@TH3WH17ERABB17- -Q- Questions ---WHO WILL PUT AN END TO THE ENDLESS?--- -Part-  
--42--

Political Conspiracies • 4330 • : Thoughtful1

Covid: 3 mrna shots means big trouble?

Diseases and Pandemics • 20 • : BeNotAfraid

Romania detects suspicious weather balloon in its airspace, ministry says

Other Current Events • 6 • : MykeNukem

Bodies aren't even cold.

Political Mud-Pit • 10 • : DontTreadOnMe

Active Shooter Michigan State University

Social Issues and Civil Unrest • 181 • : JBurns

Explosive interview by Dr Malhotra on the BBC as he annihilates the vaccine ideology

Diseases and Pandemics • 79 • : NorthOfStuff

Wagner chief admits to founding Russian troll farm sanctioned for meddling in US elections

Political Mud-Pit • 12 • : MykeNukem

Aerial Event Megathread

Other Current Events • 129 • : putnam6

ABC Reporting Lake Huron UAP Shootdown

Other Current Events • 102 • : wavelength

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Fighter Jet UFO Footage: The Real Deal

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ignorant\_ape

posted on Feb, 6 2007 @ 11:22 AMlink

Originally posted by necroflash

For example, they question his creds as far as being an IT2 because of some simple grammatical errors.

NO !

His " cred " as an IT technician was questioned because he displayed basic ignorance regards quite simple IT issues

His vocabulary , writing style , idioms , slag etc was questioned - because I do not believe that he is an American born serviceman [ naval ]

I know bloody well I have never questioned his grammar or typos - because that would make me a chuffing hypocrite

TFT did claim to be a IT2 (comp tech) in the navy ( why are you guys questioning that? I can just as easily question a whole lot of you guys as well).

And I for one do not believe he is a navy sparky

PS - Feel free to question my credentials - I have nothing to hide

PS - as you cite your experience in dockyard maintainance - please apply it

As you have to interact with a slice of the crew every time a vessel berths in your dockyard - you must be familiar with how they talk - yes ?

Now why do you think that TFT is a naval comp tech

Also, in his original post ( as well as his original thread) he did say that the events in question took place about 3 years ago. Now, lets be honest here. You guys say (and I've also noticed) many inconsistencies (sic) in both his stories. But, like I said, he is an IT, and from how he has forgotten exact details is just a sign of a man who lived his life being too occupied with his work environment. I know how it feels like to suddenly try to remember an event from 3+ years ago. Its hazy and many facts aren't there.

Even when , as he claims he he has the logs and documentation which he downloaded @ the time [ allegedly ]

As far as for him not sharing the files anymore, he probably has the feeling of ridicule, because you guys have called him short of a liar since about the beginning. Someone comes forward, and you skeptics yell liar.

Only when the facts contradict his claims

As for " ridicule " if he really was navy or ex navy he should have more intestinal fortitude

necroflesh

posted on Feb, 6 2007 @ 11:32 AMlink

Originally posted by ignorant\_ape

PS - as you cite your experience in dockyard maintainance - please apply it

As you have to interact with a slice of the crew every time a vessel berths in your dockyard - you must be familiar with how they talk - yes ?

Well, I have been a welder/shipfitter since 1998 up until 2003. And I have no reason to question who you are, you bloody brit! :b And I will let you know that yes, I am familiar with some of the lingo from all ranks, but, you would be amazed to know that they (squids, sailors) speak to you in an everyday manner,

using slang and what not like every one else. It doesnt necessarily mean TFT is not navy. You know, if he gets caught it is serious repercussions for him right. Give him the benefit of the doubt.

As far as for him not sharing the files anymore, he probably has the feeling of ridicule, because you guys have called him short of a liar since about the beginning. Someone comes forward, and you skeptics yell liar.

Only when the facts contradict his claims

As for " ridicule " if he really was navy or ex navy he should have more intestinal fortitude

Hmmm....like I said, he/she is in the Navy....not the marines!!! \*bows before posting response!\*

TeslaandLyne

posted on Feb, 6 2007 @ 11:47 AMlink  
It did look like he was on the tail of a triangle craft.

By the two dark areas that show up as a line or oval of dark area.

Too sketchy, was it glowing, did it have black areas, nothing.

What happened to the submarine shaped object in the water.

potted an air contact, it appeared to be a capsule shaped (wingless, mobile, white, oblong pill shaped, 25-30 feet in length, no visible markings and no glass) 5

That would be the triangle craft. With million volt plasma generators you won't see details only a blur.

Outrageo

posted on Feb, 6 2007 @ 12:00 PMlink  
Barring further supporting evidence, the video appears to me to be neither "great" nor "the best I've ever seen" - not by a long shot. But I'll stay on the fence for the time being, to see if TFT comes up with the promised collaborative documentation. For now, I'm leaning toward the not-so-ignorantApe and followers. As a pilot and former military myself, the explanations are plausible, though vindictive toward, a perpetrated hoax.

With increasing frequency it seems postings of 'evidence' like this somehow quickly degenerate into a thread of mudslinging with substantial banter aimed at personal creds rather than discussion or analysis of the submitted 'evidence'. Personally I find this more than a distraction - in fact it is quite a sad reflection of our collective mindset.

Anyway - thanks for yet another clip of a grainy, out-of-focus, distant spot on a piece of film that has been presented to us as the 'greatest, best-ever, can't-be-anything-but-a UFO'. \*sigh\*

Maybe someday someone will take a nice, color, hi-res close-up of a disc-shaped craft performing out-of-this-world maneuvers. Of the 'thousands' of images and clips so far - nothing clearly irrefutable has been produced.

This one certainly isn't it...

Onward!

Thanks for posting - good luck - and keep looking up!

[edit on 2/6/2007 by Outrageo]

necroflesh

posted on Feb, 6 2007 @ 01:19 PMLink

Originally posted by Outrageo  
As a pilot and former military myself  
[edit on 2/6/2007 by Outrageo]

Since you are a pilot, you can explain what is on the vid in detail, right? Or did what Willard say (on page 4) is a lie?

necroflesh

posted on Feb, 6 2007 @ 01:22 PMLink

Originally posted by Outrageo

Maybe someday someone will take a nice, color, hi-res close-up of a disc-shaped craft performing out-of-this-world maneuvers. Of the 'thousands' of images and clips so far - nothing clearly irrefutable has been produced.

[edit on 2/6/2007 by Outrageo]

WOW...

you ask for high res close ups? did you ever stop to think that not every one has that kind of money to buy such tech? and when they do film it is for some reason, shaky and grainy. but when a clear vid, or pic comes out, it is, without hesitation called a hoax and a lie and the author is quickly degenerated into scum.

Majic

posted on Feb, 6 2007 @ 02:18 PMLink  
The Big "IT"

Originally posted by necroflesh  
TFT did claim to be a IT2 (comp tech) in the navy ( why are you guys questioning that?

When did he claim to be an IT2?

CAConrad0825

posted on Feb, 6 2007 @ 02:20 PMLink

We can get satellite photos of license plates...hunt terrorists with remote drones, and have a clear video of Paris Hilton doing the deed, but UFO videos are as shakey and fake as the big foot "Footage"...great job guys

Willard856

posted on Feb, 6 2007 @ 03:09 PMLink

Since you are a pilot, you can explain what is on the vid in detail, right? Or did what Willard say (on page 4) is a lie?

Just because he is a pilot and ex-military doesn't mean he flew fast jets in the military. Plenty of military personnel from non-flying musters get their private pilots license. Or if they do fly in the military, they may be transport, helo, maritime patrol etc.

As for me lying, you'll just have to make your own mind up. But I haven't been challenged by anyone on what I have said. If you want more detail, then I'm happy to answer any questions. But I've pretty much told everyone what I know on page 4. The video is inconclusive. I've read through the original post (the one that got trashed) which has given me context on a few things. I'm still waiting to see the powerpoint and notes (I was on last night at home, but didn't see TFT logged on, so the chat never happened. As I said in another post, I'm happy to provide my hotmail address to TFT. I don't care about names. But having been involved with tactics analysis, I can pretty easily reconstruct the event, and reach a conclusion). Once I've seen as much as I can, I'll make a decision on whether I believe this to be a hoax, or potentially the real deal. I will post these reasons for all to see. I do believe that everyone should see all the evidence, but if TFT wants to run it by me first, then that is their prerogative. However, the evidence needs to be provided very soon.

I don't normally hang around the UFO forum, but I stumbled across this and thought I could lend some expert advice. If that advice is not wanted, I'm happy to retreat back to the safety of the aircraft forum!

Willard856

posted on Feb, 6 2007 @ 03:15 PMLink

Hey Waynos,

I see what you were getting at now, and you're right. I was talking from the perspective of the original story. You were talking from the perspective of the aircraft type.

I can't see anyway of positively IDing the aircraft type by the DDI. It looks very much like the display on the Hornet. But I haven't seen too many other DDIs (operationally that is) other than the F-16. I haven't got a clue if the upgraded Phantom had similar tech.

Other than the stuff I discussed on page 4, the video isn't going to prove conclusive one way or the other IMHO.

Luxifero

posted on Feb, 6 2007 @ 05:16 PMLink

I'm going to stand by my original argument against this: something of this sort



would be classified unto a whole new level then top secret for the average personal with such clearance to cull.

Luxifero

October

posted on Feb, 7 2007 @ 03:41 AMlink  
TFT gone quite, I reckon this is well dead..

See ya!

fishmaster

posted on Feb, 7 2007 @ 07:25 AMlink  
Even if this was true, and of coarse like everyone else i would love to have the truth finally. Sadly this will never happer. There are too many parties involved. The one that would suffer the most damage is that of UFOlogists, authors on the subject and companies that thrive off the UFO/Alien theory. There goes all their money. Even the people who travel the world doing seminars and talks on the subject would lose some serious cash.....Money talks and no one is willing to give up the cash cow fpr anything. Be prepared to never find out the truth. This insures the collection of cash.

Just my thoughts. This subject is and always will be one of my favorites.

chris01621

posted on Feb, 7 2007 @ 08:36 AMlink  
Wow, what a crock.

I only read the first and part of the second page, but I agree with the fellow ATS members who I know, know what there talking about, this vid and story is complete rubbish.

I had high hopes while reading (waiting for the vid to download) and what do I see, a screen that looks like a fighter jet HUD and a dot of light.

If anyone has to impress their opinian so much on other people there is something that is not right, as in telling us to go whack off to debunking theories.

The way to go about this is give the vid and story and just leave it for others to decide on their own.

You may even learn a few things on the way...

seentoomuch

posted on Feb, 7 2007 @ 08:47 AMlink  
TFT has had plenty of time to come forward. In his U2Us he said that he had no worries about the interview 'cause it was all true; but when it came time to meet up with Willard who is very proficient on the subject matter TFT could not be found.

Well, all this is over in just 7 pages; probably would've gone on for 50+ without the aircraft forum's help. The last U2U that TFT read from me was a copy of a U2U from Shattered Skies offering to get TFT in touch with other ex-military for further verification. Lol, TFT was literally surrounded with the real deal.

ATS's members' knowledge is ATS's greatest asset and in this case it was used to run off a hoaxer in short order. Ignorant Ape was exactly right on his call of

hoax from the beginning, good job! And to the Aircraft forum, good job! The mods, good job! The contributing members, good job!

Note to Majic: Can you please ban thefinaltheory for all time please? If not, could you please remove all his U2Us and points?

See y'all on the board,

STM

IsaacKoi

posted on Feb, 7 2007 @ 09:04 AMlink

Originally posted by seentoomuch  
TFT has had plenty of time to come forward.

Indeed.

I'd still like to know if the video was done by the group of German student film makers that I named as suspects on Page 1 of this thread...

I hope that the thread does not end without the people behind the video having the common decency to answer some questions - such as which software package(s) they used to make the video (Adobe After Effects, Combustion or something else).

If the thread is simply ended, there will still be some members of ATS that view the allegation of hoax to be unproved, and the video will continue to circulate on the Internet.

Also, for the next time that someone pops up on ATS claiming to have additional evidence but stating that he has difficulties sharing it by email or uploading it to a website, I'll simply note that you can upload files using a free file storage website - such as yousendit at the link below.

You can transfer files up to 100 Mb using yousendit.com completely free of charge and it's very easy to use (particularly after you've done it once). Just in case, here are some step by step instructions:

(a) Click on this link: [www.yousendit.com](http://www.yousendit.com)...

(b) Enter your own email address in the top two boxes (i.e. recipient's email address and your email address). Don't bother with a message to yourself...

(c) In the line beginning "Select a file" just click on browse and find the first relevant file on your computer. Leave the other options blank.

(d) Then just click on "send it".

(e) Wait until the relevant file has been uploaded (which, for the size of file you are talking about, should only take a few seconds on broadband). The screen should then display a link below a message stating "Here is the link for the file you uploaded:"

(f) Post that link on this Forum. Anyone can then click on that link to download that file.

(g) Repeat for any further files.

Kind Regards,

Isaac Koi

[edit on 7-2-2007 by IsaacKoi]

seentoomuch

posted on Feb, 7 2007 @ 09:41 AMlink

TFT was working with cometa2. I just checked his/her profile and he was on the board yesterday, he may check back today. It would be interesting to know more about this.

STM

October

posted on Feb, 7 2007 @ 09:53 AMlink

I didn't realise that COMETA meant a french UFO report published some time ago. [www.ufoevidence.org](http://www.ufoevidence.org)...

So Cometa the member must have had some knowledge on Ufology to stir up his own hoax. As for Thefinaltheory:

[www.thefinaltheory.com](http://www.thefinaltheory.com)... Some way out book. Maybe he wanted us to search his name so we would buy it.HAHAHA..

seentoomuch

posted on Feb, 7 2007 @ 09:54 AMlink

Originally posted by cometa

soon there will be a website available you will be able to receive more information. and we will spread flyers everywhere with that website and it will appear in every language the people speak.

godspeed to you all

ps: maybe for some of you the link wont work, because its located on a german server. but do not worry about this, we have the files and you will get them.

Sounds like they're going into the spam business, am upping the security level on my email.

STM

[edit on 7-2-2007 by seentoomuch]

BallofPopulation

posted on Feb, 7 2007 @ 09:59 AMlink

looks like he pulled a lee anoma on us.

wonder if they're connected

new topics

Could the Chinese have been attempting a nuclear / EMP attack with balloons over

the weekend

World War Three: 5 minutes ago

Bodies aren't even cold.

Political Mud-Pit: 51 minutes ago

UFO Balloons Engineered Panic To Distract From Nord Stream Revelations

World War Three: 54 minutes ago

Wagner chief admits to founding Russian troll farm sanctioned for meddling in US elections

Political Mud-Pit: 1 hours ago

Oscar Pistorius To Get 24-hour Police Protection Upon Release, As Reeve

Steenkamp's Father Calls La

Breaking Alternative News: 3 hours ago

Superbowl commercials

Television: 3 hours ago

Covid: 3 mrna shots means big trouble?

Diseases and Pandemics: 4 hours ago

Life of 36 year old mother destroyed after second dose of the Moderna mRNA 'vaccine'

Diseases and Pandemics: 4 hours ago

January 2023 Biden-Inflation was a Whopping 6.4 percent - He is Destroying the America We Love.

Political Mud-Pit: 4 hours ago

UK Nuke Do Not Panic We Have A Plan

World War Three: 4 hours ago

#### top topics

U.S. Government May Fear Violence by Religious People if Non-Human Intelligent Life is Revealed.

Conspiracies in Religions: 17 hours ago, 21 flags

Wearing a Mask Did NOT Slow the Spread of Covid - This Feb 2023 Study Has Convinced the Skeptics.

Diseases and Pandemics: 16 hours ago, 21 flags

State Department Bankrolls Group Secretly Blacklisting Conservative Media

New World Order: 17 hours ago, 17 flags

900 Percent Misinformation - MSM Robots

Political Mud-Pit: 6 hours ago, 15 flags

Equatorial Guinea confirms outbreak of Marburg virus, 9 dead

Diseases and Pandemics: 17 hours ago, 14 flags

January 2023 Biden-Inflation was a Whopping 6.4 percent - He is Destroying the America We Love.

Political Mud-Pit: 4 hours ago, 14 flags

Bodies aren't even cold.

Political Mud-Pit: 51 minutes ago, 12 flags

X-62A flies 17 hours under AI control

Aircraft Projects: 17 hours ago, 12 flags

America Has Been Captured by the British Empire

General Conspiracies: 6 hours ago, 11 flags

Russian Navy aircraft carrier Admiral Kuznetsov to leave dry dock

World War Three: 10 hours ago, 10 flags

#### active topics

'The Only Solution:' Yale Prof Suggests Mass Suicide for Elderly in Japan

New World Order • 29 • : nugget1

Calling all righteous folk in the UK - how can we begin to reach the enlightened masses?

New World Order • 44 • : Oldcarpy2

900 Percent Misinformation - MSM Robots

Political Mud-Pit • 16 • : MykeNukem

Wagner-affiliated channel reports another extrajudicial killing of recruit with sledgehammer

World War Three • 49 • : KingDoey

Bodies aren't even cold.

Political Mud-Pit • 20 • : seagull

ATS credited as the source for a 2007 leak of a UFO/UAP sighting in 2004 by Navy pilots  
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Could the Chinese have been attempting a nuclear / EMP attack with balloons over the weekend  
World War Three • 0 • : darkbake  
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UFO Balloons Engineered Panic To Distract From Nord Stream Revelations  
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Fighter Jet UFO Footage: The Real Deal  
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waynos

posted on Feb, 6 2007 @ 02:48 AMlink

Originally posted by Willard856

While the filename is f4, this may not be indicative of the aircraft type. Certainly if it does reference an F-4, the timeline is out (I'm pretty sure there were no manned F-4s flying in 2004). Also, I'm not certain if the upgraded F-4s had a DDI such as the one shown in the video.

This is my first contribution to this thread so I apologise that its not a very big contribution, and may even be a red herring, but manned F-4's are still in service with the Luftwaffe in Germany. I just thought the link with Germany was too much of a coincidence not to mention. carry on chaps

Willard856

posted on Feb, 6 2007 @ 03:06 AMlink

Thanks Waynos, problem is it was US fighters that conducted the intercept. The original post says 2004 as the year it occurred. So I pretty much ruled the F-4 out (I'm fairly sure even the Guard don't fly F-4s in the US anymore).

waynos

posted on Feb, 6 2007 @ 04:05 AMlink

Is that a definite? That it was US fighters, or is it only what is claimed? I am unable to view the footage for some reason as it is 'forbidden'. I was just wondering, with the mention of German film makers etc if it might have been fabricated from genuine Luftwaffe cockpit footage as their F-4's have been greatly updated in recent years and do have the pods required.

October

posted on Feb, 6 2007 @ 04:51 AMlink

It's gone a little quiet here recently, im in the UK so maybe everyone is still sleeping. I wonder if this thread is close to dying the closer we get to receiving more evidence, hope not. It would be pretty rubbish if TFT bottled out at the finish line.

I'm giving it until the end of today then saying goodbye to our friend, it doesn't take that long to release info and I will summarise that TFT and his German pals are laughing at anyone who has been swept up in this. Shame really.

IsaackKoi

posted on Feb, 6 2007 @ 05:29 AMlink

Originally posted by October

I wonder if this thread is close to dying the closer we get to receiving more evidence, hope not.

Hi October,

I'm a fellow Brit, and therefore awake...

Without wishing to reveal the content of U2U communications, I'll just mention that I'm still pursuing this matter by U2U with TFT.

Just in case anyone takes this fact as an endorsement of TFT's claims, at the risk of boring members of ATS I'll repeat the conclusion that I expressed at the end of my first post in this thread on Page 1:

Originally posted by IsaackKoi

Conclusion : Pending release of the promised further "files", this video should be tentatively identified as an attempted hoax on ATS by members of the "vision-unlimited" group of German student film makers.

Kind Regards,

Isaac

October

posted on Feb, 6 2007 @ 06:14 AMlink

Hi IsaackKoi,

I remember reading your post at the beginning of the thread and you have a good way of dissecting the info that TFT gave us and using it to get the information we would really like to see. None of us are mugs here and until something distinctive happens i'm going with the student view.

It seemed strange to me that in early postings TFT's grammar was pretty bad in places and after he apologised for ranting on to us it's almost as if somebody else took over from him because his grammar in later posts is almost perfect.

If i can find out how to do i'm awarding a WATS!

Cheers

October

mythatsabigprobe

posted on Feb, 6 2007 @ 06:27 AMlink

I don't know why you guys are even entertaining the idea that this is legitimate. The guy has tripped over his own story from the beginning, even started a thread with a contradicting story that was deleted apparently. He comes here with a few minutes of cockpit video that he could have gotten almost anywhere and a fantastic back story that's directly disproved by his own video, and can't even get his story straight about whether it was shot by the air force or the navy - which he supposedly works for...

Now he's holding out the carrot with these mysterious secret files that will prove it's the "real deal" and stalling every step of the way. You all KNOW it's crap and he'll keep trying to milk the story for as long as you let him. He's got the burden of proof, so now he needs to put up or shut up.

Order Out Of Chaos

posted on Feb, 6 2007 @ 06:32 AMlink

This is a GREAT video, best i've ever seen i think.

The UFO and polit seem to have been having a boy-racing session, and the UFO made our air-technology look very primitive.

Theirs no doubt the chasing plane was trying to actually CATCH this thing rather than just chase it and monitor it. Some of the moves the UFO made were difficult even for the auto-lock camera to keep up with. The speed on the cam shows it was

traveling at around MK2.  
The end manouvere was it was like the UFO was saying 'yeah... ok try this!'  
LOL... GREAT GREAT vid, thanx.

IsaackKoi

posted on Feb, 6 2007 @ 07:46 AMLink

Originally posted by mythatsabigprobe  
(TFT's) got the burden of proof, so now he needs to put up or shut up.

You might think that, and I may well agree.

However, it is apparent from many of the messages on ATS that quite a few members think that those posting material should be taken as being honest and above board (regardless of the content of their posts) unless and until it is conclusively proved that the claims are dishonest.

In effect, this reverses the burden of proof and places it on those of us that think a claim may be somewhat dubious and should not be accepted pending further evidence in support of the claim.

Issues regarding the burden (and standard) of proof are at the core of the divisions between the various members of ATS, but are rarely expressly raised. I'm more interested in such issues than most, since I'm a lawyer...

Kind Regards,

Isaac

ignorant\_ape

posted on Feb, 6 2007 @ 07:51 AMLink

Originally posted by Order Out Of Chaos  
The speed on the cam shows it was traveling at around MK2.

please point out this evidence for the airspeed of the A/C

thankyou

jbondo

posted on Feb, 6 2007 @ 09:20 AMLink

Issues regarding the burden (and standard) of proof are at the core of the divisions between the various members of ATS, but are rarely expressly raised. I'm more interested in such issues than most, since I'm a lawyer...

These standards are changed based on the individuals involved. That's all I'm going to say.

Regarding the topic at hand, I've read the entire thread and am leaning heavily toward hoax. You guys have done your homework.

ShatteredSkies



posted on Feb, 6 2007 @ 09:47 AMlink

Originally posted by Order Out Of Chaos

This is a GREAT video, best i've ever seen i think.

The UFO and polit seem to have been having a boy-racing session, and the UFO made our air-technology look very primitive.

Theirs no doubt the chasing plane was trying to actually CATCH this thing rather than just chase it and monitor it. Some of the moves the UFO made were difficult even for the auto-lock camera to keep up with. The speed on the cam shows it was traveling at around MK2.

The end manouvere was it was like the UFO was saying 'yeah... ok try this!' LOL... GREAT GREAT vid, thanx.

Do you even know what you were looking at?

From the sound of it, you have no idea what you were actually seeing.

Shattered OUT...

seentoomuch

posted on Feb, 6 2007 @ 10:10 AMlink

Found the video on YouTube

Posted by anon\_94280 on 06-02-07 @ 04:59 AM

This anonymous post is in response to ATS thread: Fighter Jet UFO Footage: The Real Deal

Just saw this on the Anonymous board.

Well, that's not a good sign. At this point the interview comments aren't up yet, thought they'd be up last night. I stopped posting yesterday afternoon due to being busy re-formatting the initial thread so that it was readable for Willard. Willard U2Ud me that he received it in good order and had read through it and was awaiting TFT for the interview. I see that Willard posted early this morning without mention of the interview, so I'm not sure if the interview did in fact take place. I'll work on my patience here and share some thoughts I have on this situation while we wait.

Some Comments:

As a public forum it is very difficult for whistleblowers to safely share their information with us, especially if they are in government service. So, consider what we have done here a drill. A drill of how to handle whistleblowers and classified docs on a public forum. It doesn't matter if TFT is real or a hoax, his claims provide a good opportunity for developing a method for this sort of situation. A situation that would be very welcome here at ATS if safeguards were in place to protect the whistleblower. Being anonymous is not enough in this day and age, and further safeguards should be provided for any willing to step forward.

I see that Isaac is interested in the methods used in this case as we all should be. It was a concern that TFT, if legitimate, would upon posting be escorted to a cell somewhere if the evidence was not carefully evaluated and sorted before posting with his welfare in mind. That was the reason for the separate interview. And then, the interviewer(s), who is qualified in this subject area was to question TFT on the inconsistencies and TFT could respond without the worry of self-incrimination in a public arena, thus the answers would be much

more detailed. The docs which he claimed to have would be gone over for authenticity, etc.

After this was complete the next step is for the interviewer(s) to post his opinion on the thread minus the incriminating details. If the comments were positive other meetings would be set up with TFT to gather a consensus from members, Isaac, for example would be included at this point. I seriously doubt though that it would have been a good idea for an officer of the court to be present at the initial interview as he would then be in a very awkward position legally, and theoretically he would still be in a jeopardy position in following meetings if it concerned facilitating the release of govt. docs, scrubbed for identities or not. I'll leave this for him to decide.

In summation this is the best I could come up with on short notice to protect whistleblowers with evidence in a public forum. Whether TFT is real or a hoax does not concern me, the drill of handling TFT does.

The Mods were exceptional in their level of support and should be applauded and thanked as should the aircraft forums which without their expertise the evaluation of a potential whistleblower or hoaxer would have gone on for 50+ pages and I do thank them and all contributing members exceedingly. Hopefully we will soon be apprised of the outcome of the interview and will at that point know what we are dealing with to a greater degree.

Also I would propose that in the future the members here develop a procedure to follow in similar situations, to be adapted accordingly as the situation merits and I hope Isaac and other legal professionals on the board would consider working together on this.

ATS members are the best!

STM

[edit on 6-2-2007 by seentoomuch]

Order Out Of Chaos

posted on Feb, 6 2007 @ 10:43 AMlink

Originally posted by ignorant\_ape

please point out this evidence for the airspeed of the A/C

thankyou

You're right!!! The altitude meter is where i thought the speed meter was. Infact, theirs NO avaiable indication on that above video clip of how fast (if indeed it was moving at all) either objects were traveling.

That allright for ya??  
Glad im not under oath when i come here

Order Out Of Chaos

posted on Feb, 6 2007 @ 10:45 AMlink

Originally posted by ShatteredSkies

From the sound of it, you have no idea what you were actually seeing.

Shattered OUT...

YEAH,  
And the same as above to YOU too.

necroflash

posted on Feb, 6 2007 @ 10:46 AMlink

Originally posted by Willard856  
Shattered,

You obviously missed my post on page 4. It isn't a hud, it is a DDI displaying a targeting pod picture.

Wow....I have been reading this thread from its inception waiting for the "files" to be provided as much as the rest of you. But, in my opinion, altho I know what a skeptics job is, it seems that they just "kick dirt inTFT's eyes" for the sake of doing it. For example, they question his creds as far as being an IT2 because of some simple grammatical errors. But when other members do the same thing, it's ok. Now SS is making assumptions that you corrected on the last page (#4).

Now, I dont claim to know much about ufos and the like, but I somehow believe this story. TFT did claim to be a IT2 (comp tech) in the navy ( why are you guys questioning that? I can just as easily question a whole lot of you guys as well). He did also say that he has nothing to do with what goes on topside and on the flight deck. I used to be a ship yard worker and I know how IT's are locked in their workspace during their shift because I have had to make ship mods in their spaces ( and believe me, to get in is a pain in the nalga! If any one here used to work for the Navy or was a contractor you would know, other wise, don't bother with silly assumptions.) Also, in his original post ( as well as his original thread) he did say that the events in question took place about 3 years ago. Now, lets be honest here. You guys say (and I've also noticed) many inconsistancies (sic) in both his stories. But, like I said, he is an IT, and from how he has forgotten exact details is just a sign of a man who lived his life being too occupied with his work environment. I know how it feels like to suddenly try to remember an event from 3+ years ago. Its hazy and many facts aren't there.

As far as for him not sharing the files anymore, he probably has the feeling of ridicule, because you guys have called him short of a liar since about the beginning. Someone comes forward, and you skeptics yell liar.

I am glad I am not gonna share the story about what happened to my family and other campers in the same area of Mexico about 10 years or so ago.

Just my opinion, not to be taken as an insult or what have you.

Cheers....

NF-

necroflash

posted on Feb, 6 2007 @ 10:50 AMlink

Originally posted by ignorant\_ape  
why does " proof " need to be reviewed on AOL ????????

please stop dancing and just release it - un reviewed and unedited

patience is wearing thin

as far as i know he can release it where ever he wants. If he wants to do it on Aol then so be it. Why you gotta bag on the homie? Jeez, you would think you are G0d or something. \*bows in your presence before departing\*

necroflesh

posted on Feb, 6 2007 @ 10:56 AMlink

Originally posted by Order Out Of Chaos  
This is a GREAT video, best i've ever seen i think.  
The UFO and polit seem to have been having a boy-racing session, and the UFO made our air-technology look very primitive.  
Theirs no doubt the chasing plane was trying to actually CATCH this thing rather than just chase it and monitor it. Some of the moves the UFO made were difficult even for the auto-lock camera to keep up with. The speed on the cam shows it was traveling at around MK2.  
The end manouvere was it was like the UFO was saying 'yeah... ok try this!'  
LOL... GREAT GREAT vid, thanx.

My thoughts exactly, but you will just be called a loon because you have some basic grammatical errors!

Seriously tho, I agree with you. It does seem like the jet is trying to keep up with the UFO (unidentified flying object for you skeptics out there )

ignorant\_ape

posted on Feb, 6 2007 @ 11:01 AMlink

Originally posted by necroflesh

as far as i know he can release it where ever he wants.

yes he can , BUT he claimed that it would be released " on demand "

If he wants to do it on Aol then so be it.

see above .

Jeez, you would think you are G0d or something. \*bows in your presence before departing\*

i am an ex brittish army corporal

i outrank god

necroflesh

posted on Feb, 6 2007 @ 11:08 AM link

Originally posted by ignorant\_ape

yes he can , BUT he claimed that it would be released " on demand "

see above .

i am an ex british army corporal

i outrank god

True to all that, but, and like i said, I am leaning on either side not holding my breath, but if the docs he contains are true, and he is an actual keeper of true docs, then he does have to edit it ( at least "erase" the names in the doc) and who knows how long a true ufo doc is. And, as far as him not releasing it on demand ( yes I do remember him saying that), he/she may feel that if it is provided, and it doesnt go with the story, then you guys would eat him alive. Like I said a few replies back, and IT doesn't really have contact with the "outside" world of the ship they are stationed at.

Hot damn....but since I am a Mex....I am your second in command!

new topics

Could the Chinese have been attempting a nuclear / EMP attack with balloons over the weekend

World War Three: 5 minutes ago

Bodies aren't even cold.

Political Mud-Pit: 51 minutes ago

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74  
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TirayShell

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4y ago  
Maybe... just spitballing here... there ain't any.

26  
clarbg

•

4y ago  
Maybe the aliens just dont visit here very often. Absence of proof isn't proof of absence.

3  
u/gerkletoss avatar  
gerkletoss

•

4y ago  
I'm with you. The government probably doesn't know much more than we do about anything UAP-related that isn't a project of theirs. If they did, why would

there be a sudden surge to study it?

9

2 more replies

green-samson

•

4y ago

There is no Govt made cutting edge tech, There is private Industry tech that they make for the Govt and agree to keep secret until a time when they can go public and make money on it. Kevlar, Sat Nav, Night vision, Internet etc etc. Private Industry has the toys and you'll get nothing from them.

Why not see if anybody has leaked where they plan to put their submarines, And if they've managed to keep that a secret you can bet they can keep something this big a secret.

Besides people come out all the time with their story, And when the TPTB go to work to discredit them the brain donors on here lap it up.

14

u/Waldsman avatar

Waldsman

•

4y ago

To call those companies private is alittle dishonest. The big defense contractor companies are government owned and ran in everything but name. The ceos usally are prior military or some background in government. It's the circle of the military industrial complex.

4

TheCoastalCardician

•

4y ago

Although I don't agree with every thing said here, ffs, our SecDef is on Raytheon's board. I really wish this was illegal.

3

3 more replies

Dusdrew

•

4y ago

There is zero leaks of hard evidence. Ever.

18

[deleted]

•

4y ago

For real. Hard evidence means real evidence. As of right now we have no real evidence

8

[deleted]

•

4y ago

UFOs, alien visitations etc. don't need to be leaked. If they are here, we will all know. We don't need government crooks and liars to let us know.

4



9 more replies  
PrincessJellyfish39

•

4y ago

You're asking why something classified above top secret, above nuke tech, isn't leaked? You clearly don't understand how classified works or the level that this stuff is on.

4

u/MKULTRA\_Escapee avatar  
MKULTRA\_Escapee

•

4y ago

In 2007, the Nimitz case and the Flir1 video was leaked online, but it was very quickly (and incorrectly) "debunked" as a CGI hoax. A decade later the government confirmed it was a real video, which doesn't often happen.

Additionally, Gimbal and Gofast were also technically leaked. They were not supposed to be made public. They were cleared for internal use by Elizondo's efforts, then Christopher Mellon leaked them. (The Pentagon's three [now] declassified UFO videos taken by U.S. Navy pilots)

The above is all documented, and can not be disputed. It uses the words of Mr. Elizondo, and the words directly from his filing of a DD Form 1910. By the wording of the document, he led DOPSR to believe it was for internal use, and never stated he would use them to benefit from, in the private sector. Therefore, if we read this in plain English, the Pentagon did not release the videos to the public. They cleared them for "Open Publication" for use in a database used by the U.S. Government and its contractors.

I will let you decide, on whether or not that all constitutes "false pretense" and if in the end, you feel the Pentagon released this to the public. But what Mr. Elizondo did with those videos, vs. what the DD Form 1910 stated he was going to do with them, are two wildly different scenarios.

<https://www.theblackvault.com/documentarchive/inside-the-pentagons-release-of-three-ufo-videos/>

Chris Mellon says he received the three videos in a Pentagon parking lot from a "Defense Department official" and then leaked them to the NYTimes.

<https://www.youtube.com/watch?v=fv-WUha2Lu0>

Clear UFO photograph taken by Italian military pilot Marshal Giancarlo Cecconi of a cylindrical UFO from his G-91R aircraft:

<https://www.theblackvault.com/casefiles/the-ufo-case-of-maresciallo-cecconi-june-18-1979/>

Another clear photograph taken by a US military pilot from 1966:

<https://ufologie.patrickgross.org/htm/usafprovo66.htm>

Here is another one from 1971 from a Costa Rican government mapping team:

<https://medium.com/on-the-trail-of-the-saucers/costa-rica-ufo-photo-c0b1eb07c5e7>

There was also this: "Anonymous Letter Confirms Aguadilla, Puerto Rico, Coast Guard UFO Video" <https://www.theblackvault.com/casefiles/anonymous-letter-confirms-aguadilla-puerto-rico-coast-guard-ufo-video/>

And UFO Filmed by US Air Force at Nellis <https://www.youtube.com/watch?v=j4b7nPq1Xu8>

Three more videos, but these are police helicopter flir videos and I don't remember which of these was leaked and which were just released:

National Police Air Service (NPAS), United Kingdom, Films UFO Video September 16, 2016. The UFO was traveling into the wind and gave off heat. The pilot

reports that the object was not visible in daytime mode, only in infrared:  
<https://www.theblackvault.com/casefiles/national-police-air-service-npas-united-kingdom-films-ufo-video/#> Full video: <https://www.youtube.com/watch?v=mDFOINEChYE>

Dec 2004 UFO Footage During Long Beach Police Department's helicopter Chase. It appears at the beginning of the video that the UFO was not visible to the naked eye, but the flir picked it up. [https://www.youtube.com/watch?v=ox\\_nZD63n-0&list=PL081CCFB909534A68&index=33](https://www.youtube.com/watch?v=ox_nZD63n-0&list=PL081CCFB909534A68&index=33) [Note: The hypothesis of the pilot who filmed the Long Beach video is that it was a bag or a balloon with a flare attached to it, but of course that doesn't prove anything.]

Cannan said the pilot's best guess was that it was a bag or balloon with a flare attached to it, which would explain the trailing sulfur-like light. In the tape, the brightly lit object looks as though it's traveling fast, but it could just be the effect of the helicopter orbiting the item at its speedy pace with the background flashing by, he said.  
<https://www.abovetopsecret.com/forum/thread365625/pg1#pid4522585>

1991 - Daytona, Florida - Police FLIR Footage of UFO, covered on the History Channel: <https://www.youtube.com/watch?v=S-cNA3x3WE>

Although these aren't the greatest videos, their authenticity is better than most UFO videos out there, so at least we have something to work with.

Several other videos were leaked recently, along with some photographs. I'm sure everyone is familiar with those, one of them being the bokeh triangle.

Additionally, the existence of the Robertson Panel (later released) was leaked in 1956 by Edward Ruppelt, which showed that the CIA was very interested in spreading propaganda to American audiences to downplay UFOs. It was eventually partially declassified.

After a closed-door session with a scientific advisory panel chaired by H.P. Robertson from the California Institute of Technology, the C.I.A. issued a secret report recommending a broad educational program for all intelligence agencies, with the aim of "training and debunking."

Training meant more public education on how to identify known objects in the sky. "The use of true cases showing first the 'mystery' and then the 'explanation' would be forceful," the report said. Debunking "would be accomplished by mass media such as television, motion pictures, and popular articles."

That plan involved using psychologists, advertising experts, amateur astronomers and even Disney cartoons to create propaganda to reduce public interest. And civilian U.F.O. groups should be "watched," the report stated, because of their "great influence on mass thinking if widespread sightings should occur."

<https://www.nytimes.com/2019/01/15/arts/television/project-blue-book-history-true-story.html>

...as well as the existence and conclusion of the "Estimate of the Situation," although the document itself has never actually been leaked.

There have also been literally hundreds of whistleblowers and other leaks. A brief introduction to that here:  
[https://np.reddit.com/r/UFOs/comments/u9v40f/abc\\_news\\_the\\_us\\_government\\_is\\_completely/](https://np.reddit.com/r/UFOs/comments/u9v40f/abc_news_the_us_government_is_completely/)

So just take a look at the first link above just to give you an idea of how something that is completely true can be "debunked." Hopefully that puts some of the other leaked evidence in a new light.

There's more out there obviously, but this is what I came up with at the moment.

Edit: To add to the list, here's the "Deleted reddit video from a DoD facility"  
[https://np.reddit.com/r/UFOs/comments/x004tf/deleted\\_reddit\\_video\\_from\\_a\\_dod\\_facility/](https://np.reddit.com/r/UFOs/comments/x004tf/deleted_reddit_video_from_a_dod_facility/)

Edit 2: USS Omaha: <https://kfor.com/mystery-wire/new-video-from-uss-omaha-shows-unknown-aerial-sphere-vanishing-into-ocean/>

Edit 3: The "Jellyfish" UFO, dubbed the "Flying Spaghetti Monster" by base personnel (probably balloons):  
<https://www.newsnationnow.com/space/ufo/jellyfish-uap-video/>

177

RobAlso

•

4y ago

This was posted 6 months ago and only has 54 upvotes?! It amazes me that stupid, idiotic, nonsense videos go viral all the time but no one cares about something as serious as this. This is the kind of thing that needs to go viral! How do we spread this around to more people? How do we get more people to take this serious? The CIA's propaganda operation did a helluva job to the general public. It's aggravating af.

21

[deleted]

•

4y ago

The government confirming anything is like Al Capote saying he's innocent.

2

TheCoastalCardician

•

4y ago

What was Capote guilty of?

6

1 more reply

u/flameohotmein avatar

flameohotmein

•

4y ago

It's funny because Lou makes it seem like what he did was amazing, but the videos themselves were never classified. It's also not a leak if these things were planned ahead of time.

3

u/MKULTRA\_Escapee avatar

MKULTRA\_Escapee

•

4y ago

The videos were not meant for the public to see. They were leaked. That's about it. It doesn't matter if Mellon planned the leak or it was spontaneous. That's a strange thing to say.

16

9 more replies

u/RemedyYourMalpackage avatar

RemedyYourMalpackage

•

4y ago

Right but all these videos look like video games from 1985. It's impossible to tell what's real because the visual quality on all of them is preposterous

1

binkysnightmare

•

4y ago

Which is it? Are you asking about credible instances and data, or for cinematically gorgeous 4K video of an alien high-fiving the POTUS?

5

1 more reply

RoastyMcGiblets

•

4y ago

The gimbal/tic-tac/go-fast videos were leaked on youtube years before being declassified. No one thought they were real or paid any attention (I guess). So it's possible some real video has been leaked but because there is so much noise in this area they aren't getting attention.

Also the penalties are severe (jail) and a military retirement is not something to piss away. Sure it's the biggest news of all time but ask Edward Snowden how violating an NDA worked out for him. Most people are self-interested. I think the only reason Snowden did what he did is he thought he'd come off as a hero. That's why he went to China initially, he thought they'd welcome him with open arms. He fucked himself royally, and I don't blame anyone else for not wanting to go out on that limb.

9

u/flameohotmein avatar

flameohotmein

•

4y ago

There were no penalties associated with "leaking" these videos as they were never classified.

4

HughJaynis

•

4y ago

Sure, but it will destroy your career if you're the one to release them. You will definitely be penalized one way or another.

2

2 more replies

2 more replies

u/Andazah avatar

Andazah

•

4y ago

Because it was much easier to leak things 15 years ago than it is now, digital forensics alone has improved a great deal.

7

u/UAoverAU avatar

UAoverAU

•

4y ago

The evidence certainly exists according to the UAP report (<https://www.dni.gov/files/ODNI/documents/assessments/Preliminary-Assessment-UAP-20210625.pdf>).

"Some UAP appeared to remain stationary in winds aloft, move against the wind, maneuver abruptly, or move at considerable speed, without discernable means of propulsion. In a small number of cases, military aircraft systems processed radio frequency (RF) energy associated with UAP sightings."

4

Matild4

•

4y ago

It's a good question. The simplest answer is that there isn't any, and if there is, it's kept under lock and key. I doubt many people have access and any proof that isn't irreplaceable is probably destroyed immediately.

4

u/Wendigo79 avatar

Wendigo79

•

4y ago

because these iphones are more for taking selfies and facial recognition than capturing a photo of something at 40,000 feet...

4

u/xHangfirex avatar

xHangfirex

•

4y ago

You have to consider that there may be nothing to leak, hence the lack of leaks. Most of what I have heard from Elizondo leads me to believe "they" don't know much more than we do.

2

Spacecowboy78

•

4y ago

We have 150 nuclear missile launch officers whistle-blowers who have gone public. Why would you call them non-credible?

2

1 more reply

u/Snookn42 avatar

Snookn42

•

4y ago

Well you dont see leaks of crazy paradigm shattering stuff because.. well its not a good idea to willy nilly shatter paradigms We cant handle a freaking respiratory virus... how is the country going to handle aliens being real ?

2

u/ministeringinlove avatar

ministeringinlove

•

4y ago

If the government had actual proof of literally the most significant event in human history, wouldn't some worker somewhere have leaked actual hard evidence?

Someone I know who was involved with counter-intelligence had humored me on the subject because I would go to every single active or former serviceman and ask

what they knew about UFOs (honestly, because it got laughter out of peers). According to him, our government is really horrible at keeping secrets; this was slightly before the discovery that the government had actually been investigating the subject for decades with little to no knowledge among the public.

I like and hate the story of Neil Armstrong, who, according to the story, was told not to publicly divulge what they saw lest his family be endangered. Another case is the horrible, "coincidental" death of Karl Wolfe, who had been run over by a semi. He had come forward some time back about pictures he saw depicting structures on the moon. Another is the case of the former Director of the CIA, William Colby, who was apparently found face down in a river is a supposed suicide (he was supposedly working with Steven Greer). Another more recent leak showed the efforts Admiral Wilson went through and the threat to his career if he pursued the matter of reverse engineering.

In my own research, I was pursuing the topic of consciousness and non-locality in relation to the phenomenon; this led me to reaching out to a former employee with NASA for a variety of reasons that I won't list here. Instead of online communication, they suggested that they reach out to me via phone call to discuss things. I have a wife and two kids and the idea that it was better to converse via phone call and not electronically really bothered me, so I turned it down - it just felt like it was going too fast and I began to think about possible consequences if it was something big. The threat of your life being ruined is adequate for the most part, but not even just your life. The possible threat to someone you love is worse, knowing that, if worse came to worse, you could spend the rest of your life without them because you aroused the ire of some dangerous person or group.

Also, photo and video resolution has greatly increased since 1985; why are ufo videos the one exception that still look like they were shot back then?

Most people only have their cell phones with them at any given moment. A year or two ago, I had the Note 10+, which had one of the best cameras on a phone. Curious about the blurry UFO video issue, I went outside during a break and watched for a plane to record. Once one flew over, I zoomed in and began to record and, sadly, it looked like a UFO - little to no definition in the object on the recording. Phones are certainly very capable tools for photos and videos, but they still suffer recording at long ranges and most people don't have enough familiarity with camera settings to utilize them to the best of the phone's capacity.

5

2 more replies

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6d ago

What did I See today??

r/UFOs - What did I See today??

3

6.5K upvotes · 1.4K comments

3 fast moving objects captured with infrared camera - Nov. 24, 2025 around 10pm PST - Los Angeles, CA

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2d ago

3 fast moving objects captured with infrared camera - Nov. 24, 2025 around 10pm PST - Los Angeles, CA

r/UFOs - 3 fast moving objects captured with infrared camera - Nov. 24, 2025 around 10pm PST - Los Angeles, CA

5.6K upvotes · 483 comments

Campinas, Brazil 25 of december

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3d ago

Campinas, Brazil 25 of december

r/UFOs - Campinas, Brazil 25 of december

4.7K upvotes · 29 comments

Goldmine of UAP activity in NightVision sub

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1d ago

Goldmine of UAP activity in NightVision sub

r/UFOs - Goldmine of UAP activity in NightVision sub

3.6K upvotes · 414 comments

Unknown object casts shadow on our moon - Official NASA photos

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5d ago

Unknown object casts shadow on our moon - Official NASA photos

r/UFOs - Unknown object casts shadow on our moon - Official NASA photos

2

2.8K upvotes · 131 comments

My ufo experience uploaded again due to be taken down

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2d ago

My ufo experience uploaded again due to be taken down

r/UFOs - My ufo experience uploaded again due to be taken down

2.8K upvotes · 263 comments

30x zoom in Austria 2 days ago... i have no clue what i saw. It was fast and silent and i think it was big

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4d ago

30x zoom in Austria 2 days ago... i have no clue what i saw. It was fast and silent and i think it was big

r/UFOs - 30x zoom in Austria 2 days ago... i have no clue what i saw. It was fast and silent and i think it was big

2

1.7K upvotes · 317 comments

Palmer Luckey, founder of Anduril Industries, says UAPs likely come from the distant past, understanding them will render current technology 'irrelevant' -

"If and when we figure out what's going on with UAPs, UFOs, that whole universe - Everything's gonna change."

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7d ago

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"If and when we figure out what's going on with UAPs, UFOs, that whole universe – Everything's gonna change."

r/UFOs - Palmer Luckey, founder of Anduril Industries, says UAPs likely come from the distant past, understanding them will render current technology 'irrelevant' - "If and when we figure out what's going on with UAPs, UFOs, that whole universe – Everything's gonna change."

1.5K upvotes · 408 comments

Interdimensionals, DMT-entities, angels. Garry Nolan said the intelligence community thinks the greys are avatars, intermediaries. He was threatened with death. Eric Davis: "these craft behave like a spiritual entity". Vallee: "there are undisclosed experiments on how to communicate with aliens"

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7d ago

Interdimensionals, DMT-entities, angels. Garry Nolan said the intelligence community thinks the greys are avatars, intermediaries. He was threatened with death. Eric Davis: "these craft behave like a spiritual entity". Vallee: "there are undisclosed experiments on how to communicate with aliens"

992 upvotes · 235 comments

UFO Sighting 25 December 2025 11:00 AM , Campinas,Brazil

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UFO Sighting 25 December 2025 11:00 AM , Campinas,Brazil

r/UFOs - UFO Sighting 25 December 2025 11:00 AM , Campinas,Brazil

960 upvotes · 49 comments

What would be the "disturbing truth" humans can't handle?

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r/UFOs

•

4d ago

What would be the "disturbing truth" humans can't handle?

946 upvotes · 1.4K comments

JFK was briefed on the reality of UAP/NHI on December 7, 1962, following the Bluegill Triple Prime incident

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4d ago

JFK was briefed on the reality of UAP/NHI on December 7, 1962, following the Bluegill Triple Prime incident

939 upvotes · 88 comments

New and historic images, unseen for 50 years, related to the Travis Walton case are revealed. Among them are records of the moment when the official Arizona state polygraph examiner confirmed that the six men with Travis Walton passed the lie detector tests.

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New and historic images, unseen for 50 years, related to the Travis Walton case are revealed. Among them are records of the moment when the official Arizona state polygraph examiner confirmed that the six men with Travis Walton passed the lie detector tests.

r/UFOs - New and historic images, unseen for 50 years, related to the Travis Walton case are revealed. Among them are records of the moment when the official Arizona state polygraph examiner confirmed that the six men with Travis Walton passed the lie detector tests.

com

897 upvotes · 56 comments

If You Actually Watch the Latest WEAPONIZED With Jacques Vallée, He Basically Says a US Lab Spoke With a Non-Human Controller Entity – How Is That Not the



Main Story?

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3d ago

If You Actually Watch the Latest WEAPONIZED With Jacques Vallée, He Basically Says a US Lab Spoke With a Non-Human Controller Entity – How Is That Not the Main Story?

871 upvotes · 291 comments

Streaming in 30 minutes: Jacques Vallee reveals how 20 years ago the U.S. Government was as able to establish direct communications with an NHI. "a very sophisticated process by which we may be able to interact with the entities"

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Streaming in 30 minutes: Jacques Vallee reveals how 20 years ago the U.S. Government was as able to establish direct communications with an NHI. "a very sophisticated process by which we may be able to interact with the entities"

740 upvotes · 206 comments

NHI left perfectly intact UFOs outside military bases according to Hal Puthoff and Dan Farah - "Some of the craft of non-human origin that had been recovered were crashes, but some of them were almost like gifts. They were found outside military bases in perfect condition."

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NHI left perfectly intact UFOs outside military bases according to Hal Puthoff and Dan Farah - "Some of the craft of non-human origin that had been recovered were crashes, but some of them were almost like gifts. They were found outside military bases in perfect condition."

r/UFOs - NHI left perfectly intact UFOs outside military bases according to Hal Puthoff and Dan Farah - "Some of the craft of non-human origin that had been recovered were crashes, but some of them were almost like gifts. They were found outside military bases in perfect condition."

735 upvotes · 236 comments

NASA Physicist Dr. Yu Explains Why UFOs Spin, and Why There Is Always Light.. - Most of you were probably aware of this already, but I like the way Dr. Yu explains to Clayton why UFOs spin.

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NASA Physicist Dr. Yu Explains Why UFOs Spin, and Why There Is Always Light.. - Most of you were probably aware of this already, but I like the way Dr. Yu explains to Clayton why UFOs spin.

r/UFOs - NASA Physicist Dr. Yu Explains Why UFOs Spin, and Why There Is Always Light.. - Most of you were probably aware of this already, but I like the way Dr. Yu explains to Clayton why UFOs spin.

730 upvotes · 102 comments

ER doctor here—2024 NJ drone/UAP flap sent me down the rabbit hole. Ended up writing a book on why consciousness might be the missing piece. Thoughts?

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6d ago

ER doctor here—2024 NJ drone/UAP flap sent me down the rabbit hole. Ended up writing a book on why consciousness might be the missing piece. Thoughts?

665 upvotes · 469 comments

Doctrine vs Disclosure: Jacques Vallee's latest quote, "The universe is not a space time universe. What we perceive as space and time is a derived quantity from something else,...It's not just the physics. It's not just propulsion. It's our culture, our hopes, our visions of God, of other Powers."

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Doctrine vs Disclosure: Jacques Vallee's latest quote, "The universe is not a space time universe. What we perceive as space and time is a derived quantity from something else,...It's not just the physics. It's not just propulsion. It's our culture, our hopes, our visions of God, of other Powers."

603 upvotes · 199 comments

Similar to the post from earlier, I saw this on a flight just before landing in Vegas this past February. Ideas on what it is?

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5d ago

Similar to the post from earlier, I saw this on a flight just before landing in Vegas this past February. Ideas on what it is?

r/UFOs - Similar to the post from earlier, I saw this on a flight just before landing in Vegas this past February. Ideas on what it is?

593 upvotes · 104 comments

Vallee actually did say some fascinating things: an NHI in a govt lab. May be controller of control system. Sophisticated communication in controlled conditions. The info acquired may destroy our culture and society. Also: a witness went inside the Trinity craft: egg shaped, empty inside, no engine

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Vallee actually did say some fascinating things: an NHI in a govt lab. May be controller of control system. Sophisticated communication in controlled conditions. The info acquired may destroy our culture and society. Also: a witness went inside the Trinity craft: egg shaped, empty inside, no engine

584 upvotes · 207 comments

In a recent Weaponized episode Jacques Vallee discussed NHI, but he wasn't talking about crashed saucers or captured beings. He's describing something far more bizarre than that. He says the phenomenon behaves like a control system, and that it can be open or closed and access is not ours to decide.

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541 upvotes · 208 comments

Dan Farah says paid bad actors online are trying to discredit The Age of Disclosure - "The the only the only comments like that I've seen are on social media from people that I know are bad actors. There's a number of people who are just legitimate paid bad actors."

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Dan Farah says paid bad actors online are trying to discredit The Age of Disclosure - "The the only the only comments like that I've seen are on social media from people that I know are bad actors. There's a number of people who are just legitimate paid bad actors."

r/UFOs - Dan Farah says paid bad actors online are trying to discredit The Age

of Disclosure - "The the only the only comments like that I've seen are on social media from people that I know are bad actors. There's a number of people who are just legitimate paid bad actors."

520 upvotes · 338 comments

They are underwater in our Oceans. - British whistleblower reveals that UFOs attacked Navy warships in the Arctic Ocean. Tony Dodd says he was harassed for releasing info about a UFO attacking Navy warships in the Arctic Ocean. Also Wikileaks Set To Reveal US-UFO War In Southern Ocean.

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507 upvotes · 72 comments

A very high-speed object with a non-ballistic trajectory shot across the sky while filming last night, 7:02 pm PST in Veneta, OR

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2d ago

A very high-speed object with a non-ballistic trajectory shot across the sky while filming last night, 7:02 pm PST in Veneta, OR

r/UFOs - A very high-speed object with a non-ballistic trajectory shot across the sky while filming last night, 7:02 pm PST in Veneta, OR

486 upvotes · 108 comments

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r/UFOs

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Estimate of the Situation

The 1947 Twining UFO Memo Still Matters

Everything old is new again. A "smoking gun" of the UFO era, the Twining Memorandum, written in 1947, is more relevant than ever. It says UFOs are real and that we don't make them.

Bryce Zabel

Bryce Zabel

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Jun 1, 2021

1.2K

14

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United States Air Force General Nathan Farragut Twining was a very big deal. During World War Two, he was considered an outstanding commander of bombing operations in both the European and Pacific theaters. After the war, then Lieutenant General Twining was named Commanding General of the military's Air Materiel Command, working with the Air Technical Intelligence Center at Wright-Patterson Air Force Base. It was in this esteemed capacity that he was asked to write a secret memo about UFOs in 1947 for Brigadier General George Schulgen, Chief of the Air Intelligence Requirements Division at the Pentagon.

Twining put his name to a high level "coordinated" memo from extremely in-the-know officers and scientists on September 23rd, 1947 in which he stated his considered opinion (and theirs) that UFOs were real and had capabilities he did not believe the U.S. had yet achieved. For context, this memo came just three months after the Kenneth Arnold sightings, two months after the Roswell crash...

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1.2K

14

Point of Contact

Published in Point of Contact

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Last published Aug 8, 2024

Remixing UFO/UAP news, history, culture, and analysis. Curated by Bryce Zabel

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What are your thoughts?

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Respond

John Ege

John Ege

Jun 1, 2021

"It is odd that it's taken us over seven decades to catch up to his words..." It breaks my brain trying to understand this. UFOs over the White House. How many saw that? The Phoenix Lights was seen by how many witnesses? You'd almost have to believe...more

38

Reply

Anthony (Tony/Pcunix) Lawrence 

Anthony (Tony/Pcunix) Lawrence 

Jun 3, 2021

I'd like to see this resolved before I die, one way or the other.

60

Reply

Pat Rowantree

Pat Rowantree

Jul 5, 2021

In approximately 1980 my husband and I were driving on the Howard Franklin bridge from St. Petersburg to Tampa where we lived. It was late on a weekday night, probably after 10 pm, little traffic and the highway was low to the water, Gulf of Mexico...more

66

Reply

See all responses

More from Bryce Zabel and Point of Contact

It's the End of the TTSA (as We Knew It)

Point of Contact

In

Point of Contact

by

Bryce Zabel

It's the End of the TTSA (as We Knew It)  
The latest SEC filing from To The Stars Academy says it's become just another  
entertainment company trying to sell UFO content.  
The UFO Chase You Saw in 'Close Encounters'  
Point of Contact  
In

Point of Contact

by

Jeff Patterson

The UFO Chase You Saw in 'Close Encounters'  
In 1966, Ohio police pursued a UFO at high speeds, inspiring 'Close Encounters.'  
55 years later, we bring the case back to life.  
The Reporter Who Really Broke the Hill UFO Abduction Story  
Point of Contact  
In

Point of Contact

by

Bryce Zabel

The Reporter Who Really Broke the Hill UFO Abduction Story  
It's time to set the record straight about who really broke the story of Betty &  
Barney Hill. It was John Luttrell of the Boston Traveler.  
There's UFOs Over New York  
Point of Contact  
In

Point of Contact

by

Bryce Zabel

There's UFOs Over New York  
On August 23, 1974, John Lennon and May Pang saw a UFO outside his New York City  
penthouse. He talked about it until the end. (Part 1 of 3)  
See all from Bryce Zabel  
See all from Point of Contact  
Recommended from Medium  
3I/Atlas Update: The 'Impossible' Data of December 19th  
Wonk-A-Vator  
In

Wonk-A-Vator

by

Joel A. Katona-Gier

3I/Atlas Update: The 'Impossible' Data of December 19th  
While NASA Observations, Experts, & The Media calls the new anti-tail an  
illusion, the GCLM predicted this mechanical reality weeks ago.  
Two men sitting at a table, one with a high cognitive load (in red) and the  
other with no cognitive load (in blue), indicating truth.  
E<sup>3</sup>—Entertain Enlighten Empower

In

E<sup>3</sup>—Entertain Enlighten Empower

by

Joshua Mason

How to Spot a Liar in 3 Questions (Without Them Knowing)

The secret to detecting deception isn't about body language—it's about "Cognitive Load."

The Most Disturbing Story in the Bible No One Preaches On

Backyard Church

In

Backyard Church

by

Dan Foster

The Most Disturbing Story in the Bible No One Preaches On

What one of the Bible's darkest chapters teaches about faith and humanity

They Appear Human—And That's Not Reassuring

Future Human Hypothesis

Future Human Hypothesis

They Appear Human—And That's Not Reassuring

A resemblance this close suggests ancestry, not coincidence.

New Evidence Revives A Viral Hypothesis of Schizophrenia and Bipolar Disorder

Microbial Instincts

In

Microbial Instincts

by

Shin Jie Yong, MSc (Res)

New Evidence Revives A Viral Hypothesis of Schizophrenia and Bipolar Disorder

The underestimated role of hepatitis C virus (HCV) in severe psychiatric disorders.

The Creepiest Scientific Discoveries Hiding In Plain Sight

Adriene Adams

Adriene Adams

The Creepiest Scientific Discoveries Hiding In Plain Sight

The Parts Of Reality We All Agreed Not To Look At

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The various levels of UFO transparency around the world. Some governments have admitted they're real. (Repost) : u/MKULTRA\_Escap

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The various levels of UFO transparency around the world. Some governments have admitted they're real. (Repost)

Bear in mind that this is only a small amount of the total information out there on this. It's only what I have come across from various books, documentaries, lectures, and casual internet browsing. And this is only one such myth. There are quite a few more, some of which I've covered in previous posts. Anti-UFO myths are abundant. This is just one.

What exactly is "disclosure?" It's such a fuzzy word in this context. The country of Uruguay officially admitted UFOs are real and the Uruguayan Air Force does not dismiss the extraterrestrial hypothesis to explain them. Brazil officially admitted UFOs are real in 1954. The United States declassified a 1947 memo that stated UFOs "are real, not visionary or fictitious." After updating freedom of information laws, the UK declassified a top secret UK MoD Report entitled Unidentified Aerial Phenomena in the UK Air Defence Region, and based on secret data, they noted that "exceptional" UFOs with "aerodynamic characteristics beyond any known aircraft" indisputably exist, but they are unsure of the origin of such phenomena. Hundreds of government/military personnel, mostly former, have come out publicly and stated that UFOs are indeed real (even Obama basically said this), some of them claimed UFOs are probably extraterrestrial, and some claim they are personally privy to proof that UFOs are extraterrestrial. For those who haven't seen it, here is a general overview of many of these whistleblowers and leakers:

[https://np.reddit.com/r/UFOs/comments/u9v40f/abc\\_news\\_the\\_us\\_government\\_is\\_compl](https://np.reddit.com/r/UFOs/comments/u9v40f/abc_news_the_us_government_is_compl)  
etely/ So there are both official admissions that UFOs are real as well as many former government/military personnel and officials later leaking this out.

That includes at least five of the people who were specifically and officially tasked by a government to study UFOs (edit: there are at least 9, information added to bottom of post). They later came out publicly and admitted UFOs are real, with some of them claiming the objects are probably extraterrestrial, among many other interesting things. That includes: Hynek (US), Elizondo (US), Nick Pope (UK), Wilbert B. Smith (Canada), and Colonel Ariel Sánchez (Uruguay, who stated, while then still currently working in this capacity for the Air Force, that UFOs do exist and their Air Force does not dismiss the extraterrestrial hypothesis). 8 minute video on Colonel Sánchez:  
[https://www.youtube.com/watch?v=TW4nhse\\_Se0](https://www.youtube.com/watch?v=TW4nhse_Se0)

"The commission was able to determine changes to the chemical composition of the soil where landings were reported. The phenomenon exists. It could be from a phenomenon that occurs in the lower part of the atmosphere, the landing of an



aircraft from a foreign air force, even the extraterrestrial theory. It could be a surveillance probe coming from space, in the same way that we send a probe to explore distant worlds," the officer admitted. "The UFO phenomenon exists in the country. I insist: the Air Force does not rule out an extraterrestrial hypothesis based on our scientific analysis," Sánchez stressed.  
<https://historico.elpais.com.uy/090607/pnacio-421863/nacional/Hay-aun-40-casos-de-ovnis-sin-explicacion/> (translated version: [https://historico-elpais-com-uy.translate.goog/090607/pnacio-421863/nacional/Hay-aun-40-casos-de-ovnis-sin-explicacion/?\\_x\\_tr\\_sl=auto&\\_x\\_tr\\_tl=en&\\_x\\_tr\\_hl=en-US&\\_x\\_tr\\_pto=wapp](https://historico-elpais-com-uy.translate.goog/090607/pnacio-421863/nacional/Hay-aun-40-casos-de-ovnis-sin-explicacion/?_x_tr_sl=auto&_x_tr_tl=en&_x_tr_hl=en-US&_x_tr_pto=wapp))

Edit: a more recent article on Sánchez:

[https://www.segurilatam.com/entrevistas/coronel-ariel-sanchez-rios-cridovni-la-reciente-respuesta-de-estados-unidos-contr-ovnis-se-ajusta-a-su-doctrina-de-defensa\\_20230309.html](https://www.segurilatam.com/entrevistas/coronel-ariel-sanchez-rios-cridovni-la-reciente-respuesta-de-estados-unidos-contr-ovnis-se-ajusta-a-su-doctrina-de-defensa_20230309.html) English translation: [https://www-segurilatam-com.translate.goog/entrevistas/coronel-ariel-sanchez-rios-cridovni-la-reciente-respuesta-de-estados-unidos-contr-ovnis-se-ajusta-a-su-doctrina-de-defensa\\_20230309.html?\\_x\\_tr\\_sl=auto&\\_x\\_tr\\_tl=en&\\_x\\_tr\\_hl=en-US&\\_x\\_tr\\_pto=wapp](https://www-segurilatam-com.translate.goog/entrevistas/coronel-ariel-sanchez-rios-cridovni-la-reciente-respuesta-de-estados-unidos-contr-ovnis-se-ajusta-a-su-doctrina-de-defensa_20230309.html?_x_tr_sl=auto&_x_tr_tl=en&_x_tr_hl=en-US&_x_tr_pto=wapp)

and here is an excerpt from a book on that as well, page 160:

[https://www.google.com/books/edition/The\\_Ultimate\\_Collection\\_on\\_UFOs/eQj1AwAAQBAJ?](https://www.google.com/books/edition/The_Ultimate_Collection_on_UFOs/eQj1AwAAQBAJ?hl=en&gbpv=1&dq=uruguayan+air+force+ufo&pg=PA160&printsec=frontcover)

[hl=en&gbpv=1&dq=uruguayan+air+force+ufo&pg=PA160&printsec=frontcover](https://www.google.com/books/edition/The_Ultimate_Collection_on_UFOs/eQj1AwAAQBAJ?hl=en&gbpv=1&dq=uruguayan+air+force+ufo&pg=PA160&printsec=frontcover) (If you scroll up a few pages, you'll find information about France, which has had several UFO studies. Officially, their stance has been either neutral or negative, but apparently three heads of those studies have gone on record to state that UFOs are real, and that either they are beyond our knowledge or the best explanation for some cases is an extraterrestrial one, so that would make at least 8 people tasked with studying UFOs by a government confirming they do exist).

According to Wilbert B. Smith on a November 21, 1950, a Top Secret Canadian memo stated:

I made discreet enquiries through the Canadian Embassy staff in Washington who were able to obtain for me the following information:

- a. The matter is the most highly classified subject in the United States Government, rating higher even than the H-bomb.
- b. Flying saucers exist.
- c. Their modus operandi is unknown but concentrated effort is being made by a small group headed by Doctor Vannevar Bush.
- d. The entire matter is considered by the United States authorities to be of tremendous significance.

Go here to view the document: <http://luforu.org/smith-department-of-transport-memo/>

Here is an easily readable transcribed version:

[http://www.cufon.org/cufon/foia\\_006.htm](http://www.cufon.org/cufon/foia_006.htm)

And see this for more information and context:

<https://science.howstuffworks.com/space/aliens-ufos/ufo-government10.htm>

Head of Canada's Secret Project Magnet – 'We Are Not Alone' (9 min):

<https://www.youtube.com/watch?v=DUCq57rEH0E>

The US government declassified the 1947 Twining memo in which it was stated "It is the opinion that UFOs are real, not visionary or fictitious," so they knew right from the beginning that UFOs were real and even let the memo out many years ago. Other declassified US docs state other extremely interesting things, such as that the UFO matter is considered Top Secret by officers of both the

Army and Air Forces and so on.

Brazil claims to be the first country to admit UFOs are real all the way back in 1954- cited during the Brazilian Special Session on UFOs conducted less than a year ago.

I tracked down the Brazilian admission and it was quite a chore. From the recent Brazilian Special Session, translated:

"Brazil was the first country in the world to officially recognize the existence of unidentified flying objects with extraterrestrial provenance in the year 1954. 22 years later, France was the second country to do so in 1976."  
<https://www.youtube.com/watch?v=3NG28Br6kaA> (auto-translate available)

"This occurred in a meeting open to society, military and press held at the Escola Superior de Guerra (ESG), in Rio de Janeiro, in 1954, when the then captain of the Air Force João Adil de Oliveira declared to those present the reality of these flying objects and their advanced technological characteristics." <https://thedebrief.org/brazilian-senators-call-for-hearings-to-examine-question-of-unidentified-aerial-phenomena/>

What he was referring to about Brazil in 1954 I think is this (in Portuguese): [https://rr0.org/time/1/9/5/9/10/31/Martins\\_Revelado0SegredoDaBarraDaTijuca/index.html](https://rr0.org/time/1/9/5/9/10/31/Martins_Revelado0SegredoDaBarraDaTijuca/index.html)

I think this translator will work for that page, in English: [https://rr0-org.translate.goog/time/1/9/5/9/10/31/Martins\\_Revelado0SegredoDaBarraDaTijuca/index.html?\\_x\\_tr\\_sl=auto&\\_x\\_tr\\_tl=en&\\_x\\_tr\\_hl=en-US&\\_x\\_tr\\_pto=wapp](https://rr0-org.translate.goog/time/1/9/5/9/10/31/Martins_Revelado0SegredoDaBarraDaTijuca/index.html?_x_tr_sl=auto&_x_tr_tl=en&_x_tr_hl=en-US&_x_tr_pto=wapp)

It's mainly about the 1952 photographs the Brazilian Air force, and later others, analyzed and concluded were genuine, but there have been objections regarding the shadows on the object or vegetation, with some concluding it was a hoax. So they are controversial photographs (obviously all UFO photographs would be controversial right up until a sitting US president declares that UFOs are real). Some have concluded the shadows are evidence of a hoax, while others have concluded the apparent shadow issues are explainable:  
<http://www.nicap.org/bdtrep-story.htm>

Interestingly, these Brazilian photos are very similar to some of the most famous Uruguayan UFO photos here: [https://youtu.be/TW4nhse\\_Se0?t=180](https://youtu.be/TW4nhse_Se0?t=180).

The bit about France in 1976 has eluded me so far, but I'll find it eventually.

So some transparency has already occurred. But most skeptical people want something that is quick, easy to find, easy to understand, like a confirmation tweet from a current US President, not the previous one or most any other official, current or former, or even declassified documents from the US or UK that state UFOs are real. Short of something like that, they won't spend the time to study the subject. It's hard to blame them I guess. There are a large amount of myths about UFOs out there that a lot of people buy into, including the idea that all of these governments must have coordinated a coverup for UFOs to exist. The reality is quite a bit more complex. Such a coverup has actually occurred in the US, but not in every country. Information about the US coverup: [https://np.reddit.com/r/UFOs/comments/v9vedn/for\\_the\\_record\\_that\\_there\\_has\\_been\\_a\\_ufo\\_coverup/](https://np.reddit.com/r/UFOs/comments/v9vedn/for_the_record_that_there_has_been_a_ufo_coverup/)

More information about the various levels of transparency on UFOs around the world:

United States:

The current US Director of National Intelligence, the previous one, and a recent CIA Director have all made very interesting statements on UFOs and "the possibility that it constitutes a different form of life":

<https://www.youtube.com/watch?v=gtfeDd7ELH0>

Compilation of Congress Members & Senators on UAPs through the years, most while in office: <https://www.youtube.com/watch?v=i0MDfmvWf6s> (link is dead now. If anyone knows of another upload, please let me know)

Canada:

The talk and presentation mark Rutkowski's donation to University of Manitoba Archives & Special Collections of his extensive personal collection and files on this case and other UFO sightings and related phenomena from across Canada. These include more than 20,000 separate UFO reports filed with various agencies since 1989 <https://news.umanitoba.ca/the-falcon-lake-ufo-files/>

Also see this:

<https://www.bac-lac.gc.ca/eng/discover/unusual/ufo/Pages/default.aspx>

France:

There have been thousands of UFO reports in France, of which about 400 remain unexplained. <https://www.bbc.com/news/magazine-29755919>

France also released 1600 cases registered since 1954. See here:

<https://www.newscientist.com/article/dn11443-france-opens-up-its-ufo-files/>

Also see the unofficial French COMETA Report, which stated that UFOs are real and probably extraterrestrial: <https://narcap.de/dokumente/COMETA-Report-englisch.pdf>

Spain:

UFO sightings in Spain are in excess of 7,000, but less than 2 percent of these have been reported to the Spanish Air Force (people may not have known they could, or how to report such things to the Air Force). Out of 122 cases analyzed by an international team directed by Ballester Olmos, 99 had conventional causes, 14 insufficient data for evaluation, 9 unexplained. - UFOs and Government, Michael Swords and Robert Powell, page 430.

Denmark:

COPENHAGEN, Denmark, Jan. 30 (UPI) -- The Danish Air Force has released 329 pages of previously classified archives on UFO sightings, including details on more than 200 unsolved cases. [https://www.upi.com/Odd\\_News/2009/01/30/Denmark-releases-UFO-archives/90411233360944/](https://www.upi.com/Odd_News/2009/01/30/Denmark-releases-UFO-archives/90411233360944/)

New Zealand:

The New Zealand military have released hundreds of previously classified reports detailing claims of UFO sightings and alien encounters. <https://www.telegraph.co.uk/news/newstopics/howaboutthat/ufo/8221227/New-Zealand-releases-UFO-files.html>

UK government:

Over the past 11 years, the MoD has declassified 60,000 pages exposing the secrets of a government investigation into unexplained sightings over the UK. <https://metro.co.uk/2019/06/04/ministry-defence-releases-final-x-files-containing-truth-britains-secret-ufo-investigations-9797436/>

Newly released UFO files from the UK government  
<http://www.nationalarchives.gov.uk/ufos/>

Germany. (non-government source):

"Germany has a high level of UFO sightings," Robert Fleischer, the coordinator for the German Initiative for Exopolitics, told Deutsche Welle.

He said that, since 1974, over 500 so-called "real" UFO cases - reported sightings that, after careful consideration by specialized experts, cannot be related to any conventional information - have been recorded.

"However, there has never been any official recognition by the German government relating to UFOs or UFO activity," Fleischer added. "So if the Germans were to open any files relating to UFOs, all we would find out is that they pass all their information to the Americans." <https://www.dw.com/en/despite-partial-disclosure-europes-ufo-files-remain-mostly-under-wraps/a-4783950>

Belgium:

The Major General of the Belgian Air Force, Wilfried De Brouwer, was pretty open with the public about the massive UFO wave that occurred there from 1989-90.

"...With current technology, that would be impossible":

[https://www.youtube.com/watch?v=Q2LmB6m\\_BNo](https://www.youtube.com/watch?v=Q2LmB6m_BNo)

Here's some stuff on the Belgian sightings and the politics of studying UFOs in Europe: <https://www.politico.eu/article/scepticism-set-to-scupper-any-chance-of-union-led-ufo-research/>

Russia, in parentheses are my additions:

Mr Medvedev (then a current President of Russia) let his guard down after an interview with five Russian television stations when he failed to realise the cameras were still rolling.

"Along with the briefcase with nuclear codes, the president of the country is given a special 'top secret' folder. This folder in its entirety contains information about aliens who visited our planet," Mr Medvedev answered playfully [note: no indication at all that he answered 'playfully'].

"Along with this, you are given a report of the absolutely secret special service that exercises control over aliens on the territory of our country ... More detailed information on this topic you can get from a well-known movie [sic, he said "documentary"] called 'Men In Black' (The Russian documentary, linked below) ... I will not tell you how many of them are among us because it may cause panic," he says.

<https://web.archive.org/web/20130409190846/https://www.telegraph.co.uk/news/worldnews/vladimir-putin/9731278/Dmitry-Medvedev-muses-on-aliens-and-Vladimir-Putins-lateness.html>

Video of Medvedev making these statements: <https://www.youtube.com/watch?v=NcvVzXzzJZk> (it doesn't seem so "playful" to me, and in this translation, he says "documentary," not "movie" as the Telegraph apparently erroneously claimed, but I'm not Russian. It would make far more sense for a Russian President to reference a Russian documentary by that name, a documentary released just prior to him saying this, so I don't buy the debunk on this, unless I'm missing something)

The endorsed UFO documentary: <https://www.youtube.com/watch?v=nAYEOMctF7U>

(there are a few sections that weren't included in the closed captions embedded on the video itself, but there are available closed captions in the options on the video as well if you want to get all of the information)

Edit: added El Pais article on Colonel Sánchez and declassified UK MoD report, fixed link.

Edit 2: updated list of 9 Government personnel/officials from around the world who were specifically and officially tasked by a government to investigate UFOs

eventually admitting the phenomenon is real:

J. Allen Hynek (US), Colonel Karl Nell (US), David C. Grusch (US), James T. Lacatski (US), Luiz Elizondo (US), Wilbert B. Smith (Canada), Jean-Jacques Velasco (France), Yves Sillard (France), and Colonel Ariel Sánchez (Uruguay).

David C. Grusch, an intelligence officer for 14 years, both in the US Air Force (USAF) at the rank of Major and most recently, from 2021-2023, at the National Geospatial Intelligence Agency at the GS-15 civilian level, which is the military equivalent of a full-bird Colonel, co-lead in UAP and trans medium object analysis, as well as reporting to UAP Task Force:

A former intelligence official turned whistleblower has given Congress and the Intelligence Community Inspector General extensive classified information about deeply covert programs that he says possess retrieved intact and partially intact craft [and bodies of craft occupants] of non-human origin.

The information, he says, has been illegally withheld from Congress, and he filed a complaint alleging that he suffered illegal retaliation for his confidential disclosures, reported here for the first time.

Grusch said the recoveries of partial fragments through and up to intact vehicles have been made for decades through the present day by the government, its allies, and defense contractors. Analysis has determined that the objects retrieved are "of exotic origin (non-human intelligence, whether extraterrestrial or unknown origin) based on the vehicle morphologies and material science testing and the possession of unique atomic arrangements and radiological signatures," he said. <https://thedebrief.org/intelligence-officials-say-u-s-has-retrieved-non-human-craft/>

Colonel Karl Nell was the Army liaison for the UAP Task Force where he worked with Grusch (background on Nell). Nell was also one of David Grusch's 40 sources:

"[David Grusch is] "beyond reproach." "His assertion concerning the existence of a terrestrial arms race occurring sub-rosa over the past eighty years focused on reverse engineering technologies of unknown origin is fundamentally correct, as is the indisputable realization that at least some of these technologies of unknown origin derive from non-human intelligence." <https://thedebrief.org/intelligence-officials-say-u-s-has-retrieved-non-human-craft/>

DoD rocket scientist Dr. James T. Lacatski, the Advanced Aerospace Weapon System Applications Program (AAWSAP) Program Manager at the Defense Intelligence Agency:

'At the conclusion of a 2011 meeting in the Capitol building with a U.S. Senator and an agency Under Secretary, Lacatski, the only one of this book's authors present, posed a question. He stated that the United States was in possession of a craft of unknown origin and had successfully gained access to its interior.

'This craft had a streamlined configuration suitable for aerodynamic flight but no intakes, exhaust, wings, or control surfaces. In fact, it appeared not to have an engine, fuel tanks, or fuel. Lacatski asked: What was the purpose of this craft? Was it a life-support craft useful only for atmospheric reentry or what? If it was a spacecraft, then how did it operate?' <https://www.liberationtimes.com/home/former-head-of-us-government-ufo-program-confirms-government-possesses-advanced-craft-of-unknown-origin>

Jean-Jacques Velasco, director of the official French government program to study UFOs, SEPRA, from 1983-2004:

"Yes, UFOs exist...they are of extraterrestrial origin." On 5800 studied cases, about half reveal perfectly identifiable causes (balloons, probes, natural

phenomena, rockets, etc). But 13.5% escape any rational explanation. For Jean-Jacques Velasco, although it is denied by the politicians, UFOs are the demonstrations of remote intelligences.

<https://ufologie.patrickgross.org/press/ladepechedumidi18apr2004.htm>

Yves Sillard, French scientist and High Public Servant who played a major role in the development of the French space program (Ariane) and founded the French UFO investigation agency. He headed the CNES, IFREMER, and the Délégation générale pour l'armement (General Directorate for Armament):

"The objective reality of unidentified aerial phenomena, better known to the general public as UFOs, is no longer in doubt. The data recorded by GEIPAN are based on rigorous methods of analysis and control." - Leslie Kean, 2010, page 120: <https://archive.org/details/ufosgeneralspiloo0000kean/page/120/mode/2up?q=%22the+objective+reality+of%22>

"... I think that the Americans practise on the subject to which they devote, I am persuaded of it, much higher efforts of investigation than those of any other country, they practise a deliberated policy and learnedly orchestrated misinformation. It is a total misinformation. What for? Is it the fear to see their supremacy challenged if one day they face a much more advanced external civilization? Is it their concern of keeping for them a potential of technology asset? Or... or any other explanation, who knows?"  
<http://www.ufoevidence.org/documents/doc2008.htm>

Colonel Ariel Sánchez of the Uruguayan Air Force, chairman of the Commission for the Reception and Investigation of UFO Reports (Cridovni):

"The commission was able to determine changes to the chemical composition of the soil where landings were reported. The phenomenon exists. It could be from a phenomenon that occurs in the lower part of the atmosphere, the landing of an aircraft from a foreign air force, even the extraterrestrial theory. It could be a surveillance probe coming from space, in the same way that we send a probe to explore distant worlds," the officer admitted. "The UFO phenomenon exists in the country. I insist: the Air Force does not rule out an extraterrestrial hypothesis based on our scientific analysis," Sánchez stressed.

<https://historico.elpais.com.uy/090607/pnacio-421863/nacional/Hay-aun-40-casos-de-ovnis-sin-explicacion/> (translated version: [https://historico-elpais-com-uy.translate.goog/090607/pnacio-421863/nacional/Hay-aun-40-casos-de-ovnis-sin-explicacion/?\\_x\\_tr\\_sl=auto&\\_x\\_tr\\_tl=en&\\_x\\_tr\\_hl=en-US&\\_x\\_tr\\_pto=wapp](https://historico-elpais-com-uy.translate.goog/090607/pnacio-421863/nacional/Hay-aun-40-casos-de-ovnis-sin-explicacion/?_x_tr_sl=auto&_x_tr_tl=en&_x_tr_hl=en-US&_x_tr_pto=wapp))

Wilbert B. Smith, senior radio engineer with the Department of Transport, was the head of Canada's project Magnet investigating UFOs. Head of Canada's Secret Project Magnet – 'We Are Not Alone' (9 min): <https://www.youtube.com/watch?v=DUCq57rEH0E> According to a 1950 memo from Smith,

"a. The matter is the most highly classified subject in the United States Government, rating higher even than the H-bomb.

b. Flying saucers exist.

c. Their modus operandi is unknown but concentrated effort is being made by a small group headed by Doctor Vannevar Bush." <http://luforu.org/smith-department-of-transport-memo/>

J. Allen Hynek, scientific advisor to UFO studies for the US government,

"I know the job they (Bluebook) had. They were told not to excite the public. Don't rock the boat. And I saw it in my own eyes, whenever a case happened that they could explain, which was quite a few, they made point of that, and let that out to the media. But for cases that were very difficult to explain, they would jump hand springs to keep the media away from that. For they had a job to do, whether rightfully or wrongfully, to keep the public from getting excited.  
<https://www.youtube.com/watch?v=pyDVR2B14dw>

It is my conclusion (speaking now personally and not in an official capacity) after many years of working through "tons" of reports, that there is a signal, that there is "radium" in the "pitchblende," waiting to be extracted. The authors of this book have come to the same conclusion, by a somewhat different path. Whether the scientifically valid in the entire UFO phenomenon proves to be a physical signal or a psychological one -or even a heretofore unknown phenomenon-it is in every respect a challenge to science.

[https://rrr0.org/time/1/9/6/6/Hynek\\_WhatIsTheResponsibilityOfTheScientist/](https://rrr0.org/time/1/9/6/6/Hynek_WhatIsTheResponsibilityOfTheScientist/)

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OrangeFr3ak

•

3y ago

Interesting that there doesn't seem to be much interest on UFO/UAP in the Middle East and Asia (save for maybe Japan and China).

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MKULTRA\_Escapee

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3y ago

That's possibly just laziness on my part. What you see in this post is what I found before I had enough and moved onto something else.

And yes, there is some interest in Japan and China. I know this because I had just read some articles on it yesterday. Here's one from Japan, which as far as I know has a town with the highest record UFO sightings per capita:

<https://www.indiatvnews.com/trending/news/home-of-aliens-japanese-town-has-452-ufo-sightings-in-one-year-viral-story-fukushima-japan-2023-05-03-868661>

I'm also missing Mexico and many South American countries as well, which I know have tons of sightings. So I'll have to make a new post at some point with more info.

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OrangeFr3ak

•

3y ago

That's fair, what I'm also interested in if there are any, UAP incidents/cases/reports in the Middle East, Indian Subcontinent, Korea, Southeast Asia and Africa (besides the Ariel Incident). There just doesn't seem to be anything coming out from these parts of the world which makes it more difficult to get information.

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caffeineforclosers

•

3y ago

Great summary! Thank you for putting it together

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u/calvincrack avatar

calvincrack

•

3y ago

Yes thank you.

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1

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Self\_Help123

•

3y ago



Men in black are aliens now?

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UK MoD Report: "Exceptional" UFOs With "Aerodynamic Characteristics Beyond Any Known Aircraft" Exist : r/UFOs

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•

4y ago

WeloHelo

UK MoD Report: "Exceptional" UFOs With "Aerodynamic Characteristics Beyond Any Known Aircraft" Exist

r/UFOscience

•

4 yr. ago

Declassified UK Ministry of Defence Report Says UFOs are Real

r/UFOs - Unidentified Aerial Phenomena in the UK Air Defence Region, Main Report, UK National Archives

Unidentified Aerial Phenomena in the UK Air Defence Region, Main Report, UK National Archives

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"Indisputable"

Unidentified Aerial Phenomena in the UK Air Defence Region (UAP in the UK ADR) is a top secret Ministry of Defence (MoD) report that was declassified in 2006 via updated Freedom of Information laws.

"Codenamed Project Condign, the study was started in December 1996 and completed four years later in March 2000."

The report was commissioned by the MoD to conclusively determine whether decades of secret UAP investigations had produced any information of value to UK Defence leadership.

The introductory paragraph of the Executive Summary states:

"That UAP exist is indisputable."

r/UFOs - Unidentified Aerial Phenomena in the UK Air Defence Region, Executive Summary, UK National Archives

Unidentified Aerial Phenomena in the UK Air Defence Region, Executive Summary, UK National Archives

The report clarifies that it's referring to the type of UAP that have "exceptional characteristics" and are "popularly known as 'UFOs'":

"Credited with the ability to hover, land, take-off, accelerate to exceptional velocities and vanish, they can reportedly alter their direction of flight suddenly and clearly can exhibit aerodynamic characteristics well beyond those of any known aircraft or missile—either manned or unmanned."

UAP in the UK ADR

UAP in the UK ADR is accessible via the UK National Archives website, and its contents have been extensively reported on by prominent publications including BBC News, The Guardian and Wired.

This report was never intended for public distribution. It's the product of a classified internal government study designed to secretly inform executive-level Ministry of Defence decision-making:

"Only 11 copies of the report were produced, and they were circulated to a restricted number of high-ranking Royal Air Force and defense ministry officials. It was so secret that not even the Ministry of Defence's UFO department or the government ministers in charge of the defense ministry were made aware of it."

r/UFOs - Unidentified Aerial Phenomena in the UK Air Defence Region, Executive Summary, UK National Archives

Unidentified Aerial Phenomena in the UK Air Defence Region, Executive Summary, UK National Archives

These circumstances are very different from public-facing reports like the USAF/University of Chicago Colorado Condon Report or the recent ODNI Preliminary Assessment: Unidentified Aerial Phenomena report.

The MoD went to extraordinary lengths to cover up its involvement in investigating UAP. After years of denial by Defence officials that the report even existed, a Freedom of Information Act request by Sheffield Hallam University academic Dr. David Clarke ultimately led to the report's declassification in 2006.

In an August 2021 article by Micah Hanks, Dr. Clarke recalled:

"When I ... got hold of that report twenty years ago, it was quite a stunning conclusion," Clarke says. "So here was the guy, the UFO expert at the Ministry of Defence, he was actually saying 'well, I've studied this for thirty years. My conclusion is these things exist.'"

r/UFOs - Unidentified Aerial Phenomena in the UK Air Defence Region, Executive Summary, UK National Archives

Unidentified Aerial Phenomena in the UK Air Defence Region, Executive Summary, UK National Archives

A combination of still-classified material held in Defence Intelligence, Section 55 (DI55), the MoD's intelligence branch whose existence was denied by the UK government until recently, along with "relevant scientific principles" &

"probable underlying science" were used to arrive at the report's conclusions about UAP.

r/UFOs - Unidentified Aerial Phenomena in the UK Air Defence Region, Executive Summary, UK National Archives

Unidentified Aerial Phenomena in the UK Air Defence Region, Executive Summary, UK National Archives

Flight Safety Risk

The report reveals that UAP were found to pose a flight safety risk to civil air traffic:

"...a head-on encounter with a UAP... could, conceivably, result in a sudden control input from which recovery is impossible before ground impact. Although the risk, based on all available evidence, is judged to be very low, it cannot be totally ruled out.

Attempts by other nations to intercept the unexplained objects, which can clearly change position faster than an aircraft, have reportedly already caused fatalities."

r/UFOs - Unidentified Aerial Phenomena in the UK Air Defence Region, Executive Summary, UK National Archives

Unidentified Aerial Phenomena in the UK Air Defence Region, Executive Summary, UK National Archives

The report specifically advises that the MoD should warn civil air traffic authorities about the flight safety risk posed by UAP:

The flight safety aspects of the findings should be made available to the appropriate RAF Air Defence and other military and civil authorities which operate aircraft, particularly those operating fast and at low altitude."

r/UFOs - Unidentified Aerial Phenomena in the UK Air Defence Region, Executive Summary, UK National Archives

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Barely Understood

The report confidently states that UAP with exceptional characteristics "certainly" exist in Earth's atmosphere. Doubt is notably introduced when a possible origin of UAP is proposed:

"There seems to be a strong possibility that at least some of the events may be triggered by meteor re-entry, the meteors neither burning up completely nor impacting as meteorites, but forming buoyant plasmas.

...the scientific rationale for sustaining them for significant periods is incomplete or not fully understood."

r/UFOs - Unidentified Aerial Phenomena in the UK Air Defence Region, Executive Summary, UK National Archives (Pg. 9/23)

Unidentified Aerial Phenomena in the UK Air Defence Region, Executive Summary, UK National Archives (Pg. 9/23)

The conditional language applied to the proposed origin ("seems... possibility... some... may be") of UAP does not elicit the same confidence level as the statements made about their existence ("certainly", "indisputable").

r/UFOs - Unidentified Aerial Phenomena in the UK Air Defence Region, Executive Summary, UK National Archives

Unidentified Aerial Phenomena in the UK Air Defence Region, Executive Summary, UK National Archives

The true origin of UAP appears to remain "barely understood" by the top levels

of Defence leadership, despite completing a four year study that reviewed "all the available evidence remaining in the Department (reported over the last 30 years)", which contained "a lot of secret data that a lot of average atmospheric scientists perhaps wouldn't be aware of."

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Unidentified Aerial Phenomena in the UK Air Defence Region, Executive Summary, UK National Archives

Once novel exotic objects have been determined to "certainly exist" in Earth's atmosphere there is a clear obligation on national security grounds to conclusively identify their true origin.

UAP in the UK ADR was commissioned to represent an accurate assessment of all classified evidence held in DI55 files. Failure to successfully identify genuinely unknown phenomena in the UK Air Defence Region would pose an unprecedented national security risk.

#### Military Applications

Former MoD UFO investigator Nick Pope writes in a 2016 BBC.com feature:

"The UK government—and other governments too, I suspect—were indeed hiding information on UFOs... ..MOD scientific and technical intelligence personnel believed that, if harnessed, these might be able to be militarised..."

The contents of UAP in the UK ADR support the conclusion that the UK government ("and other governments too") may be "hiding information on UFOs" because they can be "militarised":

"further investigation should be into... various characteristics of plasmas in novel military applications..."

With respect to the possibility of the use of plasmas for military applications... the implications have already been briefed to the relevant MoD technology managers."

r/UFOs - Unidentified Aerial Phenomena in the UK Air Defence Region, Executive Summary, UK National Archives

Unidentified Aerial Phenomena in the UK Air Defence Region, Executive Summary, UK National Archives

Hypothetical military applications are proposed. One example is "drag reduction or control", another is "plasma-type decoys".

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Unidentified Aerial Phenomena in the UK Air Defence Region, Executive Summary, UK National Archives

In 2000, the same year as the UK report's completion but six years before its declassification, the US Defense Advanced Research Projects Agency (DARPA) began a Quiet Supersonic Platform (QSP) Program that included drag reduction and control experiments with plasma:

"the development... of... supersonic aircraft with substantially reduced sonic boom... Advanced airframe technologies would be explored... including ...exotic concepts (plasma, heat and particle injection)..." (pg. 65)

By 2011 NASA was publicly posting chats with experts discussing theoretical plasma technology that could reduce or eliminate sonic booms on hypersonic aircraft:

"Burin: Is there any chance a laser or plasma beam could be appended to the nosecone of a plane to help pierce the atmosphere...?"

Ed.: Yes, plasma would change the gas constant of the air, potentially reducing

the sonic boom..."

Recent articles describe the US Navy's new "plasma 'UFO' decoys", and Pentagon scientists are creating things like "non-lethal plasma laser ball weapons".

#### Political Implications

Over twenty years ago Unidentified Aerial Phenomena in the UK Air Defence Region informed UK Defence leadership that UAP with exceptional characteristics indisputably exist, revealed that the origins of UAP remain uncertain, identified that UAP pose a flight safety risk to civil air traffic, advised that civil air traffic authorities should be briefed and recommended that UAP-related plasma technology should be secretly weaponized.

The contents of UAP in the UK ADR should motivate elected government representatives from all over the world to determine whether their domestic Defence departments have—like the UK MoD—been intentionally concealing classified materials about the credible flight safety risk that UAP pose to civil air traffic while secretly weaponizing UAP-related plasma technology.

Edit: University of Chicago corrected to Colorado

218 upvotes · 66 comments

306

·

71

Comments Section

thoughtsfromuranus

•

4y ago

This is mindblowing. Why are we only reading about this now mates?

44

u/EggMcFlurry avatar

EggMcFlurry

•

4y ago

To be fair there are a lot of words in that report.

23

1 more reply

u/the\_mooseman avatar

the\_mooseman

•

4y ago

I know its the UK but as an aussie, the use of the word "mates" is pretty grating when used in the plural.

5

King\_Milkfart

•

4y ago

As an American I, too, wish it said 'cunts'.

7

2 more replies

u/joethepro1 avatar

joethepro1

•

4y ago

We may say, my mates, or his mates, but never 'come on mates'. He's not from the

UK.

2

3 more replies

2 more replies

nerd112358

•

4y ago

Because OP ignored points like this:

[https://webarchive.nationalarchives.gov.uk/ukgwa/20121110115327mp\\_/http://www.mod.uk/DefenceInternet/FreedomOfInformation/PublicationScheme/SearchPublicationScheme/UapInTheUkAirDefenceRegionExecutiveSummary.htm](https://webarchive.nationalarchives.gov.uk/ukgwa/20121110115327mp_/http://www.mod.uk/DefenceInternet/FreedomOfInformation/PublicationScheme/SearchPublicationScheme/UapInTheUkAirDefenceRegionExecutiveSummary.htm)

Pg 8:

9. Based on all the available evidence remaining in the Department (reported over the last 30 years), the information studied, either separately or corporately contained in UAP reports, leads to the conclusion that it does not have any significant Defense Intelligence Value. However the Study has uncovered a number of technological issues that may be of potential defense interest.

10. Causes of UAP Reports In the absence of any evidence to the contrary, the key UAP report findings are:

Mis-reporting of man-made vehicles, ...

Reports of natural but unusual phenomena, which are genuinely misunderstood at the time by the observer.

The incidence of natural, but relatively rare phenomena ...

Further:

No evidence exists to associate the phenomena with any particular nation.

No evidence exists to suggest that the phenomena seen are hostile or under any type of control, other than that of natural physical forces.

Evidence suggests that meteors and their well-known effects and, possibly some other less-known effects, are responsible for some UAP. (R)

3

u/PhocasOnTheFamily avatar

PhocasOnTheFamily

•

4y ago

Very interesting. I'm not through it yet but I'd point people to Paragraphs 11 and 12 on pages 6 and 7 of the report:

"[A]vailable evidence suggests that apart from those which can be more easily and satisfactorily explained, they are comprised of several types of rarely encountered natural events within the atmosphere and ionosphere. . . . Considerable evidence exists to support the thesis that the events are almost certainly attributable to physical, electrical and magnetic phenomena in the atmosphere, mesosphere, and ionosphere."

Additional text from paragraph 17, page 10:

"There is no evidence that any UAP, seen in the UKADR, are incursions by air-objects of any intelligent (extraterrestrial or foreign) origin, or that they represent any kind of hostile intent."

11

Daddys\_Lil\_Monster\_

•

4y ago

This post and OP's comments deserves a lot of upvotes. This is some good stuff.

12

BractToTheFuture

•

4y ago

The simple fact that our Earth people have died chasing these things is crazy.

32

u/norse1977 avatar

norse1977

•

4y ago

Earth people 🤔

21

u/Senior\_Idea4832 avatar

Senior\_Idea4832

•

4y ago

I Am So Glad Us And Our Fellow Earthmen Begin To Understand This Benevolent Phenomenon

11

1 more reply

BractToTheFuture

•

4y ago



3

u/SomeConsumer avatar

SomeConsumer

•

4y ago

New York and California.

2

u/EthanSayfo avatar

EthanSayfo

•

4y ago

Earth People sounds like a band name. We are Earthers! 🌍

2

2 more replies

10 more replies

knee\_high\_shorts

•

4y ago

Don't worry, I also didn't know there was a UFOscience subreddit.

3

WeloHelo

OP

•

4y ago

In this post I break down the UK Ministry Defence report Unidentified Aerial Phenomena in the UK Air Defence Region.

This is a top secret report that was declassified via FOIA in 2006. It includes remarkable conclusions about UAP, and considering the context of its preparation it may be the most important government-produced document related to UAP available in the public realm.

This report provides a solid foundation for elected government officials all over the world to take UAP seriously and demand answers from their domestic Defence departments.

Tuesday, November 23 I will be on the Unidentified Celebrity Review show Known Quantities with Daniel Miller to discuss. For anyone interested the live show starts at 4 p.m. PT, 7 p.m. ET, 12 a.m. GMT: <https://www.youtube.com/watch?v=NA8VwBaOHK4>

Link to the original report published via Medium:

<https://medium.com/@campbellmoreira/declassified-uk-ministry-of-defence-report-says-ufos-are-real-7e9eda9515b7>

30

Gatadat

•

4y ago

This was declassified in 2006 and yet UK government still officially denies ET hypothesis?

20

WeloHelo

OP

•

4y ago

They refuse to comment - the report suggests heavily that the continued secrecy is due to fear of the Russians leapfrogging them on UAP-related plasma technology breakthroughs.

The most significant aspect to me is that the report specifically identifies that UAP pose a risk to civil air traffic and even explicitly advises the MoD to inform civil aviation authorities of the risk, and goes so far as to recommend exact safety steps for pilots.

They're going to have to justify themselves publicly eventually. Perhaps this is part of the UK's apparent resistance to the growing international movement to take UAP seriously.

How will the public react to knowing that their Defence department has been allowing these unidentified novel exotic "barely understood" objects to exist in the UK Air Defence Region for decades without alerting the public to the civil air traffic risk they represent?

22

mysterycave

•

4y ago

UK's MOD was calling them UAP back at the end of the 90's??? Interesting.

11

2 more replies



1 more reply  
u/MyBraveFace avatar  
MyBraveFace

•

4y ago

What interests me is the dichotomy between this report and what the MOD Lady Goldie said to parliament back in June:

Labour frontbencher Lord Coaker said: "The Pentagon has said that unidentified aerial phenomena are actually a serious national security threat.

"Does she agree with that US analysis of the threat from unidentified aerial phenomena and therefore is the UK suffering from a similar threat that the US has identified?"

Lady Goldie said: "We regard threats as having to exist in the first place.

"We regard them as having to be substantiated by evidence and that's because we need to know what we are addressing and how best we can address it.

It seems to me that her take is that they're prosaic, or nonexistent, and should be ignored if they are not actively bombing London. That stance seems contradictory to what you've highlighted in the 21-year-old report.

25  
WeloHelo  
OP

•

4y ago

That's a great quote!

I'd argue that at first glance this appears to contradict this report, but on closer analysis it aligns very well. From my post:

This report was never intended for public distribution. It's the product of a classified internal government study designed to secretly inform executive-level Ministry of Defence decision-making:

"Only 11 copies of the report were produced, and they were circulated to a restricted number of high-ranking Royal Air Force and defense ministry officials. It was so secret that not even the Ministry of Defence's UFO department or the government ministers in charge of the defense ministry were made aware of it."

And:

The MoD went to extraordinary lengths to cover up its involvement in investigating UAP. After years of denial by Defence officials that the report even existed, a Freedom of Information Act request by Sheffield Hallam University academic Dr. David Clarke ultimately led to the report's declassification in 2006.

It appears as though these UAP-related technology militarization programs are considered so secret they don't tell elected government officials about them, and even internal employees responsible for the public-facing communications.

Fortunately for us there is still a fair bit of information available. UAP in the UK ADR is accessible via the UK National Archives website, and its contents have been extensively reported on by prominent publications including BBC News, The Guardian and Wired.

18

u/MyBraveFace avatar

MyBraveFace

•

4y ago

Color me overly-optimistic, but I would hope that in 20+ years some of this might have been pushed up the stovepipe to the actual MoD position itself.

4

2 more replies

[deleted]

•

4y ago

British Government saying that like they don't just make up threats all the time in order to pass new laws, spy on its own public, and spend more money on security services.

3

u/MyBraveFace avatar

MyBraveFace

•

4y ago

If, at this point, you still think the UAP is all "made up" then I'm not sure there's any point in continuing a discussion.

3

4 more replies

3 more replies

u/Killik69 avatar

Killik69

•

4y ago

but the summary says that there is no sign of intelligent control and that those UAPs are probably natural atmospheric phenomena.

2

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"I think there's dimensions beyond the physical world that we live in today. I believe that in different dimensions the rules of physics as we understand them may not apply.

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This is, in my opinion, the most solid evidence for the existence of UFOs since the 50's

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This is, in my opinion, the most solid evidence for the existence of UFOs since the 50's

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youtu

929 upvotes · 291 comments

Has anyone ever been embarrassed by their interest in UFOs and aliens?

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Has anyone ever been embarrassed by their interest in UFOs and aliens?

220 upvotes · 218 comments

The UK is to hold public hearings in which military personnel will be allowed to reveal their close encounters with UFOs. The US-style hearings will allow whistleblowers from the RAF, Army and Navy to tell all about experiences they were previously forbidden from revealing.

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There is a vast amount of publicly available information and data from which intelligent, objective, and unbiased individuals can logically conclude that UFOs/UAP do, in fact, represent Non-Human Intelligence (NHI) – and that they are interacting with humanity.

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There is a vast amount of publicly available information and data from which intelligent, objective, and unbiased individuals can logically conclude that UFOs/UAP do, in fact, represent Non-Human Intelligence (NHI) – and that they are interacting with humanity.

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Nearly half of Americans think government is hiding evidence of UFOs, poll finds

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Former nuclear security officer remembers how everything got quieter as a UFO flew above: "As it approached and came over us, it actually deadened sound wherever it moved... Almost like when you stick your head underwater... As soon as it was clear of us, that's when sound returned..."

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Former nuclear security officer remembers how everything got quieter as a UFO flew above: "As it approached and came over us, it actually deadened sound wherever it moved... Almost like when you stick your head underwater... As soon as

it was clear of us, that's when sound returned..."

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The Legacy UFO Program now resides under DOD SAPOC & SRG

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UFO Sighting

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5

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This whole UFO disclosure is one giant psyop and everyone is falling for it.

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This whole UFO disclosure is one giant psyop and everyone is falling for it.

51 comments

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4y ago  
WeloHelo

UK MoD Report: "Exceptional" UFOs With "Aerodynamic Characteristics Beyond Any Known Aircraft" Exist  
r/UFOscience  
•

4 yr. ago  
Declassified UK Ministry of Defence Report Says UFOs are Real

r/UFOs - Unidentified Aerial Phenomena in the UK Air Defence Region, Main Report, UK National Archives  
Unidentified Aerial Phenomena in the UK Air Defence Region, Main Report, UK National Archives  
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"Indisputable"  
UAP in the UK ADR  
Flight Safety Risk  
Barely Understood  
Military Applications  
Political Implications

"Indisputable"  
Unidentified Aerial Phenomena in the UK Air Defence Region (UAP in the UK ADR) is a top secret Ministry of Defence (MoD) report that was declassified in 2006 via updated Freedom of Information laws.

"Codenamed Project Condign, the study was started in December 1996 and completed four years later in March 2000."

The report was commissioned by the MoD to conclusively determine whether decades

of secret UAP investigations had produced any information of value to UK Defence leadership.

The introductory paragraph of the Executive Summary states:

"That UAP exist is indisputable."

r/UFOs - Unidentified Aerial Phenomena in the UK Air Defence Region, Executive Summary, UK National Archives

Unidentified Aerial Phenomena in the UK Air Defence Region, Executive Summary, UK National Archives

The report clarifies that it's referring to the type of UAP that have "exceptional characteristics" and are "popularly known as 'UFOs'":

"Credited with the ability to hover, land, take-off, accelerate to exceptional velocities and vanish, they can reportedly alter their direction of flight suddenly and clearly can exhibit aerodynamic characteristics well beyond those of any known aircraft or missile—either manned or unmanned."

UAP in the UK ADR

UAP in the UK ADR is accessible via the UK National Archives website, and its contents have been extensively reported on by prominent publications including BBC News, The Guardian and Wired.

This report was never intended for public distribution. It's the product of a classified internal government study designed to secretly inform executive-level Ministry of Defence decision-making:

"Only 11 copies of the report were produced, and they were circulated to a restricted number of high-ranking Royal Air Force and defense ministry officials. It was so secret that not even the Ministry of Defence's UFO department or the government ministers in charge of the defense ministry were made aware of it."

r/UFOs - Unidentified Aerial Phenomena in the UK Air Defence Region, Executive Summary, UK National Archives

Unidentified Aerial Phenomena in the UK Air Defence Region, Executive Summary, UK National Archives

These circumstances are very different from public-facing reports like the USAF/University of Chicago Colorado Condon Report or the recent ODNI Preliminary Assessment: Unidentified Aerial Phenomena report.

The MoD went to extraordinary lengths to cover up its involvement in investigating UAP. After years of denial by Defence officials that the report even existed, a Freedom of Information Act request by Sheffield Hallam University academic Dr. David Clarke ultimately led to the report's declassification in 2006.

In an August 2021 article by Micah Hanks, Dr. Clarke recalled:

"When I ... got hold of that report twenty years ago, it was quite a stunning conclusion," Clarke says. "So here was the guy, the UFO expert at the Ministry of Defence, he was actually saying 'well, I've studied this for thirty years. My conclusion is these things exist.'"

r/UFOs - Unidentified Aerial Phenomena in the UK Air Defence Region, Executive Summary, UK National Archives

Unidentified Aerial Phenomena in the UK Air Defence Region, Executive Summary, UK National Archives

A combination of still-classified material held in Defence Intelligence, Section 55 (DI55), the MoD's intelligence branch whose existence was denied by the UK government until recently, along with "relevant scientific principles" & "probable underlying science" were used to arrive at the report's conclusions about UAP.



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Flight Safety Risk

The report reveals that UAP were found to pose a flight safety risk to civil air traffic:

"...a head-on encounter with a UAP... could, conceivably, result in a sudden control input from which recovery is impossible before ground impact. Although the risk, based on all available evidence, is judged to be very low, it cannot be totally ruled out.

Attempts by other nations to intercept the unexplained objects, which can clearly change position faster than an aircraft, have reportedly already caused fatalities."

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Unidentified Aerial Phenomena in the UK Air Defence Region, Executive Summary, UK National Archives

The report specifically advises that the MoD should warn civil air traffic authorities about the flight safety risk posed by UAP:

The flight safety aspects of the findings should be made available to the appropriate RAF Air Defence and other military and civil authorities which operate aircraft, particularly those operating fast and at low altitude."

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Barely Understood

The report confidently states that UAP with exceptional characteristics "certainly" exist in Earth's atmosphere. Doubt is notably introduced when a possible origin of UAP is proposed:

"There seems to be a strong possibility that at least some of the events may be triggered by meteor re-entry, the meteors neither burning up completely nor impacting as meteorites, but forming buoyant plasmas.

...the scientific rationale for sustaining them for significant periods is incomplete or not fully understood."

r/UFOs - Unidentified Aerial Phenomena in the UK Air Defence Region, Executive Summary, UK National Archives (Pg. 9/23)

Unidentified Aerial Phenomena in the UK Air Defence Region, Executive Summary, UK National Archives (Pg. 9/23)

The conditional language applied to the proposed origin ("seems... possibility... some... may be") of UAP does not elicit the same confidence level as the statements made about their existence ("certainly", "indisputable").

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Unidentified Aerial Phenomena in the UK Air Defence Region, Executive Summary, UK National Archives

The true origin of UAP appears to remain "barely understood" by the top levels of Defence leadership, despite completing a four year study that reviewed "all the available evidence remaining in the Department (reported over the last 30

years)", which contained "a lot of secret data that a lot of average atmospheric scientists perhaps wouldn't be aware of.'"

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Unidentified Aerial Phenomena in the UK Air Defence Region, Executive Summary, UK National Archives

Once novel exotic objects have been determined to "certainly exist" in Earth's atmosphere there is a clear obligation on national security grounds to conclusively identify their true origin.

UAP in the UK ADR was commissioned to represent an accurate assessment of all classified evidence held in DI55 files. Failure to successfully identify genuinely unknown phenomena in the UK Air Defence Region would pose an unprecedented national security risk.

#### Military Applications

Former MoD UFO investigator Nick Pope writes in a 2016 BBC.com feature:

"The UK government—and other governments too, I suspect—were indeed hiding information on UFOs... MOD scientific and technical intelligence personnel believed that, if harnessed, these might be able to be militarised..."

The contents of UAP in the UK ADR support the conclusion that the UK government ("and other governments too") may be "hiding information on UFOs" because they can be "militarised":

"further investigation should be into... various characteristics of plasmas in novel military applications..."

With respect to the possibility of the use of plasmas for military applications... the implications have already been briefed to the relevant MoD technology managers."

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Unidentified Aerial Phenomena in the UK Air Defence Region, Executive Summary, UK National Archives

Hypothetical military applications are proposed. One example is "drag reduction or control", another is "plasma-type decoys".

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Unidentified Aerial Phenomena in the UK Air Defence Region, Executive Summary, UK National Archives

In 2000, the same year as the UK report's completion but six years before its declassification, the US Defense Advanced Research Projects Agency (DARPA) began a Quiet Supersonic Platform (QSP) Program that included drag reduction and control experiments with plasma:

"the development... of... supersonic aircraft with substantially reduced sonic boom... Advanced airframe technologies would be explored... including ...exotic concepts (plasma, heat and particle injection)..." (pg. 65)

By 2011 NASA was publicly posting chats with experts discussing theoretical plasma technology that could reduce or eliminate sonic booms on hypersonic aircraft:

"Burin: Is there any chance a laser or plasma beam could be appended to the nosecone of a plane to help pierce the atmosphere...?"

Ed.: Yes, plasma would change the gas constant of the air, potentially reducing the sonic boom..."

Recent articles describe the US Navy's new "plasma 'UFO' decoys", and Pentagon scientists are creating things like "non-lethal plasma laser ball weapons".

#### Political Implications

Over twenty years ago Unidentified Aerial Phenomena in the UK Air Defence Region informed UK Defence leadership that UAP with exceptional characteristics indisputably exist, revealed that the origins of UAP remain uncertain, identified that UAP pose a flight safety risk to civil air traffic, advised that civil air traffic authorities should be briefed and recommended that UAP-related plasma technology should be secretly weaponized.

The contents of UAP in the UK ADR should motivate elected government representatives from all over the world to determine whether their domestic Defence departments have—like the UK MoD—been intentionally concealing classified materials about the credible flight safety risk that UAP pose to civil air traffic while secretly weaponizing UAP-related plasma technology.

Edit: University of Chicago corrected to Colorado

218 upvotes · 66 comments

306

.

71

Comments Section

thoughtsfromuranus

•

4y ago

This is mindblowing. Why are we only reading about this now mates?

44

u/EggMcFlurry avatar

EggMcFlurry

•

4y ago

To be fair there are a lot of words in that report.

23

1 more reply

u/the\_mooseman avatar

the\_mooseman

•

4y ago

I know its the UK but as an aussie, the use of the word "mates" is pretty grating when used in the plural.

5

King\_Milkfart

•

4y ago

As an American I, too, wish it said 'cunts'.

7

2 more replies

u/joethepro1 avatar

joethepro1

•

4y ago

We may say, my mates, or his mates, but never 'come on mates'. He's not from the UK.

2

3 more replies

2 more replies

nerd112358

•

4y ago

Because OP ignored points like this:

[https://webarchive.nationalarchives.gov.uk/ukgwa/20121110115327mp\\_/http://www.mod.uk/DefenceInternet/FreedomOfInformation/PublicationScheme/SearchPublicationScheme/UapInTheUkAirDefenceRegionExecutiveSummary.htm](https://webarchive.nationalarchives.gov.uk/ukgwa/20121110115327mp_/http://www.mod.uk/DefenceInternet/FreedomOfInformation/PublicationScheme/SearchPublicationScheme/UapInTheUkAirDefenceRegionExecutiveSummary.htm)

Pg 8:

9. Based on all the available evidence remaining in the Department (reported over the last 30 years), the information studied, either separately or corporately contained in UAP reports, leads to the conclusion that it does not have any significant Defense Intelligence Value. However the Study has uncovered a number of technological issues that may be of potential defense interest.

10. Causes of UAP Reports In the absence of any evidence to the contrary, the key UAP report findings are:

Mis-reporting of man-made vehicles, ...

Reports of natural but unusual phenomena, which are genuinely misunderstood at the time by the observer.

The incidence of natural, but relatively rare phenomena ...

Further:

No evidence exists to associate the phenomena with any particular nation.

No evidence exists to suggest that the phenomena seen are hostile or under any type of control, other than that of natural physical forces.

Evidence suggests that meteors and their well-known effects and, possibly some other less-known effects, are responsible for some UAP. (R)

3

u/PhocasOnTheFamily avatar

PhocasOnTheFamily

•

4y ago

Very interesting. I'm not through it yet but I'd point people to Paragraphs 11 and 12 on pages 6 and 7 of the report:

"[A]vailable evidence suggests that apart from those which can be more easily and satisfactorily explained, they are comprised of several types of rarely encountered natural events within the atmosphere and ionosphere. . . . Considerable evidence exists to support the thesis that the events are almost certainly attributable to physical, electrical and magnetic phenomena in the atmosphere, mesosphere, and ionosphere."

Additional text from paragraph 17, page 10:

"There is no evidence that any UAP, seen in the UKADR, are incursions by air-objects of any intelligent (extraterrestrial or foreign) origin, or that they represent any kind of hostile intent."

11

Daddys\_Lil\_Monster\_

•

4y ago

This post and OP's comments deserves a lot of upvotes. This is some good stuff.

12

BractToTheFuture

•

4y ago

The simple fact that our Earth people have died chasing these things is crazy.

32

u/norse1977 avatar

norse1977

•

4y ago

Earth people 🤔

21

u/Senior\_Idea4832 avatar

Senior\_Idea4832

•

4y ago

I Am So Glad Us And Our Fellow Earthmen Begin To Understand This Benevolent Phenomenon

11

1 more reply

BractToTheFuture

•

4y ago



3

u/SomeConsumer avatar

SomeConsumer

•

4y ago

New York and California.

2

u/EthanSayfo avatar

EthanSayfo

•

4y ago

Earth People sounds like a band name. We are Earthers! 🌍

2

2 more replies

10 more replies

knee\_high\_shorts

•

4y ago

Don't worry, I also didn't know there was a UFOscience subreddit.

3

WeloHelo

OP

•

4y ago

In this post I break down the UK Ministry Defence report Unidentified Aerial Phenomena in the UK Air Defence Region.

This is a top secret report that was declassified via FOIA in 2006. It includes remarkable conclusions about UAP, and considering the context of its preparation it may be the most important government-produced document related to UAP available in the public realm.

This report provides a solid foundation for elected government officials all over the world to take UAP seriously and demand answers from their domestic Defence departments.

Tuesday, November 23 I will be on the Unidentified Celebrity Review show Known Quantities with Daniel Miller to discuss. For anyone interested the live show starts at 4 p.m. PT, 7 p.m. ET, 12 a.m. GMT: <https://www.youtube.com/watch?v=NA8VwBaOHK4>

Link to the original report published via Medium:  
<https://medium.com/@campbellmoreira/declassified-uk-ministry-of-defence-report-says-ufos-are-real-7e9eda9515b7>

30  
Gatadat

•

4y ago

This was declassified in 2006 and yet UK government still officially denies ET hypothesis?

20  
WeloHelo  
OP

•

4y ago

They refuse to comment - the report suggests heavily that the continued secrecy is due to fear of the Russians leapfrogging them on UAP-related plasma technology breakthroughs.

The most significant aspect to me is that the report specifically identifies that UAP pose a risk to civil air traffic and even explicitly advises the MoD to inform civil aviation authorities of the risk, and goes so far as to recommend exact safety steps for pilots.

They're going to have to justify themselves publicly eventually. Perhaps this is part of the UK's apparent resistance to the growing international movement to take UAP seriously.

How will the public react to knowing that their Defence department has been allowing these unidentified novel exotic "barely understood" objects to exist in the UK Air Defence Region for decades without alerting the public to the civil air traffic risk they represent?

22  
mysterycave

•

4y ago

UK's MOD was calling them UAP back at the end of the 90's??? Interesting.

11

2 more replies

1 more reply

u/MyBraveFace avatar  
MyBraveFace

•

4y ago

What interests me is the dichotomy between this report and what the MOD Lady Goldie said to parliament back in June:

Labour frontbencher Lord Coaker said: "The Pentagon has said that unidentified aerial phenomena are actually a serious national security threat.

"Does she agree with that US analysis of the threat from unidentified aerial phenomena and therefore is the UK suffering from a similar threat that the US has identified?"

Lady Goldie said: "We regard threats as having to exist in the first place.

"We regard them as having to be substantiated by evidence and that's because we need to know what we are addressing and how best we can address it.

It seems to me that her take is that they're prosaic, or nonexistent, and should be ignored if they are not actively bombing London. That stance seems contradictory to what you've highlighted in the 21-year-old report.

25

WeloHelo

OP

•

4y ago

That's a great quote!

I'd argue that at first glance this appears to contradict this report, but on closer analysis it aligns very well. From my post:

This report was never intended for public distribution. It's the product of a classified internal government study designed to secretly inform executive-level Ministry of Defence decision-making:

"Only 11 copies of the report were produced, and they were circulated to a restricted number of high-ranking Royal Air Force and defense ministry officials. It was so secret that not even the Ministry of Defence's UFO department or the government ministers in charge of the defense ministry were made aware of it."

And:

The MoD went to extraordinary lengths to cover up its involvement in investigating UAP. After years of denial by Defence officials that the report even existed, a Freedom of Information Act request by Sheffield Hallam University academic Dr. David Clarke ultimately led to the report's declassification in 2006.

It appears as though these UAP-related technology militarization programs are considered so secret they don't tell elected government officials about them, and even internal employees responsible for the public-facing communications.

Fortunately for us there is still a fair bit of information available. UAP in the UK ADR is accessible via the UK National Archives website, and its contents have been extensively reported on by prominent publications including BBC News, The Guardian and Wired.

18

u/MyBraveFace avatar

MyBraveFace

•

4y ago

Color me overly-optimistic, but I would hope that in 20+ years some of this might have been pushed up the stovepipe to the actual MoD position itself.

4

2 more replies

[deleted]

•

4y ago

British Government saying that like they don't just make up threats all the time in order to pass new laws, spy on its own public, and spend more money on security services.

3

u/MyBraveFace avatar

MyBraveFace

•

4y ago

If, at this point, you still think the UAP is all "made up" then I'm not sure there's any point in continuing a discussion.

3

4 more replies

3 more replies

u/Killik69 avatar

Killik69

•

4y ago

but the summary says that there is no sign of intelligent control and that those UAPs are probably natural atmospheric phenomena.

2

5 more replies

[deleted]

•

4y ago

brassmorris

•

4y ago

It's not opening for me in the UK?

1

WeloHelo

OP

•

4y ago

Really? Just checked and it does seem to still be working for me. Let me know if this works:

[https://webarchive.nationalarchives.gov.uk/ukgwa/20121110115327/http://](https://webarchive.nationalarchives.gov.uk/ukgwa/20121110115327/http://www.mod.uk/DefenceInternet/FreedomOfInformation/PublicationScheme/SearchPublicationScheme/UnidentifiedAerialPhenomenauapInTheUkAirDefenceRegion.htm)

[www.mod.uk/DefenceInternet/FreedomOfInformation/PublicationScheme/](http://www.mod.uk/DefenceInternet/FreedomOfInformation/PublicationScheme/SearchPublicationScheme/UnidentifiedAerialPhenomenauapInTheUkAirDefenceRegion.htm)

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1



1 more reply  
DrZaeusBurgers

•

4y ago

Kinda like fish in a fish bowl spitting water on their owner, after a while they might give the bowl a big shake. Lol this is the best analogy I could come up with.

1

[deleted]

•

4y ago

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This is, in my opinion, the most solid evidence for the existence of UFOs since the 50’s

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youtu

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Has anyone ever been embarrassed by their interest in UFOs and aliens?

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The UK is to hold public hearings in which military personnel will be allowed to reveal their close encounters with UFOs. The US-style hearings will allow whistleblowers from the RAF, Army and Navy to tell all about experiences they were previously forbidden from revealing.

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25d ago

Prominent Figures in the UFO/UAP World Who Have Gone Quiet - What Are They Up To?

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There is a vast amount of publicly available information and data from which intelligent, objective, and unbiased individuals can logically conclude that UFOs/UAP do, in fact, represent Non-Human Intelligence (NHI) – and that they are interacting with humanity.

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This whole UFO disclosure is one giant psyop and everyone is falling for it.

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sfchronicle

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'Indisputable'  
Unidentified Aerial Phenomena in the UK Air Defence Region (UAP in the UK ADR)  
is a secret Ministry of Defence (MoD) report that was declassified in 2006 via  
updated Freedom of Information laws.

"Codenamed Project Condign, the study was started in December 1996 and completed  
four years later in March 2000."

The report was commissioned by the MoD to conclusively determine whether decades  
of secret UAP investigations had produced any information of value to UK Defence  
leadership.

The introductory paragraph of the Executive Summary states:

"That UAP exist is indisputable."

The report clarifies that it's referring to the type of UAP that have  
"exceptional characteristics" and are "popularly known as 'UFOs'":

"Credited with the ability to hover, land, take-off, accelerate to exceptional  
velocities and vanish, they can reportedly alter their direction of flight  
suddenly and clearly can exhibit aerodynamic characteristics well beyond those  
of any known aircraft or missile – either manned or unmanned."

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Unidentified Aerial Phenomena in the UK Air Defence Region, Executive Summary,  
UK National Archives

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UAP in the UK ADR

UAP in the UK ADR is accessible via the UK National Archives website, and its contents have been extensively reported on by prominent publications including BBC News, The Guardian and Wired.

This report was never intended for public distribution. It was the product of a classified internal government study designed to secretly inform executive-level Ministry of Defence decision-making:

"Only 11 copies of the report were produced, and they were circulated to a restricted number of high-ranking Royal Air Force and defense ministry officials. It was so secret that not even the Ministry of Defence's UFO department or the government ministers in charge of the defense ministry were made aware of it."

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Unidentified Aerial Phenomena in the UK Air Defence Region, Executive Summary, UK National Archives

These circumstances are very different from public-facing reports like the USAF/University of Colorado Condon Report or the recent ODNI Preliminary Assessment: Unidentified Aerial Phenomena report.

The MoD went to extraordinary lengths to cover up its involvement in investigating UAP. After years of denial by Defence officials that the report even existed, a Freedom of Information Act request by Sheffield Hallam University academic Dr. David Clarke ultimately led to the report's declassification in 2006.

In an August 2021 article by Micah Hanks, Dr. Clarke recalled:

"When I ... got hold of that report twenty years ago, it was quite a stunning conclusion," Clarke says. "So here was the guy, the UFO expert at the Ministry of Defence, he was actually saying 'well, I've studied this for thirty years. My conclusion is these things exist.'"

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A combination of still-classified material held in Defence Intelligence, Section 55 (DI55), the MoD's intelligence branch whose existence was denied by the UK government until recently, along with "relevant scientific principles" & "probable underlying science" were used to arrive at the report's conclusions about UAP.

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Flight Safety Risk

The report reveals that UAP were found to pose a flight safety risk to civil air traffic:

"...a head-on encounter with a UAP... could, conceivably, result in a sudden control input from which recovery is impossible before ground impact. Although the risk, based on all available evidence, is judged to be very low, it cannot be totally ruled out.

Attempts by other nations to intercept the unexplained objects, which can clearly change position faster than an aircraft, have reportedly already caused fatalities."

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Unidentified Aerial Phenomena in the UK Air Defence Region, Executive Summary, UK National Archives

The report specifically advises that the MoD should warn civil air traffic authorities about the flight safety risk posed by UAP:

The flight safety aspects of the findings should be made available to the appropriate RAF Air Defence and other military and civil authorities which operate aircraft, particularly those operating fast and at low altitude."

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Unidentified Aerial Phenomena in the UK Air Defence Region, Executive Summary, UK National Archives

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Unidentified Aerial Phenomena in the UK Air Defence Region, Executive Summary, UK National Archives

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Barely Understood

The report confidently states that UAP with exceptional characteristics "certainly" exist in Earth's atmosphere. Doubt is notably introduced when a possible origin of UAP is proposed:

"There seems to be a strong possibility that at least some of the events may be triggered by meteor re-entry, the meteors neither burning up completely nor impacting as meteorites, but forming buoyant plasmas.

...the scientific rationale for sustaining them for significant periods is incomplete or not fully understood."

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Unidentified Aerial Phenomena in the UK Air Defence Region, Executive Summary, UK National Archives (Pg. 9/23)

The conditional language applied to the proposed origin ("seems... strong possibility... some... may be") of UAP does not elicit the same confidence level as the statements made about their existence ("certainly", "indisputable").

Unidentified Aerial Phenomena in the UK Air Defence Region, Executive Summary, UK National Archives

The true origin of UAP appears to remain "barely understood" by the top levels of Defence leadership, despite completing a four year study that reviewed "all the available evidence remaining in the Department (reported over the last 30 years)", which contained "a lot of secret data that a lot of average atmospheric scientists perhaps wouldn't be aware of."

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Unidentified Aerial Phenomena in the UK Air Defence Region, Executive Summary, UK National Archives

UAP in the UK ADR was commissioned to represent an accurate assessment of all classified evidence held in DI55 files.

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If exotic phenomena with exceptional characteristics have been determined to



"certainly exist" in the UK Air Defence Region then there's a clear obligation on national security grounds to conclusively identify their true origin, and failure to do so would pose an unprecedented national security risk.

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#### Military Applications

Former MoD UFO investigator Nick Pope writes about "the one area where conspiracy theorists were right – though not for the reasons they believed" in a 2016 BBC.com feature:

"The UK government – and other governments too, I suspect – were indeed hiding information on UFOs, but not about aliens.

Rather, we might be dealing with exotic atmospheric phenomena – and MOD scientific and technical intelligence personnel believed that, if harnessed, these might be able to be militarised.

This is the ultimate dirty secret about UFOs, since a natural phenomenon that could be weaponised would be hugely attractive to the military of any nation."

The contents of UAP in the UK ADR support the conclusion that the UK government ("and other governments too") may be "hiding information on UFOs" because they can be "militarised":

"further investigation should be into... various characteristics of plasmas in novel military applications...

With respect to the possibility of the use of plasmas for military applications... the implications have already been briefed to the relevant MoD technology managers."

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Unidentified Aerial Phenomena in the UK Air Defence Region, Executive Summary, UK National Archives

Hypothetical military applications are proposed. One example is "drag reduction or control", another is "plasma-type decoys".

Unidentified Aerial Phenomena in the UK Air Defence Region, Executive Summary, UK National Archives

In 2000, the same year as the UK report's completion but six years before its declassification, the US Defense Advanced Research Projects Agency (DARPA) began a Quiet Supersonic Platform (QSP) Program that included drag reduction and control experiments with plasma:

"the development... of... supersonic aircraft with substantially reduced sonic boom... Advanced airframe technologies would be explored... including ...exotic concepts (plasma, heat and particle injection)..." (pg. 65)

By 2011 NASA was publicly posting chats with experts discussing theoretical plasma technology that could reduce or eliminate sonic booms on hypersonic aircraft:

"Burin: Is there any chance a laser or plasma beam could be appended to the nosecone of a plane to help pierce the atmosphere...?

Ed.: Yes, plasma would change the gas constant of the air, potentially reducing the sonic boom..."

Recent articles also describe the US Navy's new "plasma 'UFO' decoys", the exact hypothetical technology described in the 2000 report.

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#### Political Implications

Over twenty years ago Unidentified Aerial Phenomena in the UK Air Defence Region informed UK Defence leadership that UAP with exceptional characteristics indisputably exist, revealed that the origins of UAP remain uncertain, identified that UAP pose a flight safety risk to civil air traffic, advised that civil air traffic authorities should be briefed and recommended that UAP-related plasma technology should be secretly weaponized.

The contents of UAP in the UK ADR should motivate citizens from all over the world to determine whether their domestic Defence departments have – like the UK MoD – been concealing classified materials about the flight safety risk that UAP pose to civil air traffic in order to secretly weaponize UAP-related plasma technology.

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Miguel Arsenio Galán Santos  
Miguel Arsenio Galán Santos

Nov 26, 2021

Well done Campbell. This document is by far the best official explanation about ufos and very well documented. It puts the Pentagon and even Harvard in a ridiculous position of still talking about aliens and conspiracy theories.  
20

1 reply

Reply

Dusty Evsky

Dusty Evsky

Dec 4, 2024

So am I correct in inferring that you are saying the U.S. Navy already has so-called plasma UFO decoys ? There seems to be only 2-squared possibilities: You are dissembling, or you are reporting the "truth" you see out there.

And

The U.S Navy does...more

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Allan Milne Lees

Allan Milne Lees

Nov 24, 2021

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Nacional

Hay aún 40 casos de ovnis sin explicación

Investigaciones. Fuerza Aérea desclasificó archivos; no descarta la "hipótesis extraterrestre"

Daniel Isgleas

El fenómeno OVNI se ha manifestado muchas veces en Uruguay. Treinta años después del inicio de las investigaciones, aún hay unos 40 casos sin resolver. Los archivos fueron desclasificados y se permitió su acceso a El País.

La Fuerza Aérea no publicará un "Libro Azul" conteniendo el resultado de estos treinta años de investigaciones, pero El País, por decisión del mando, accedió a registros y testimonios.

Si bien la comisión de la Fuerza Aérea que estudia el caso funciona hace pocas décadas, el fenómeno OVNI se inició aproximadamente en 1947 en Uruguay al despuntar el entusiasmo mundial por los avistamientos.

Aunque no es Roswell, Nuevo México -lugar emblemático en el tema de los extraterrestres-, Uruguay es un lugar catalogado como propicio para los avistamientos de objetos no identificados, reconoció el coronel Ariel Sánchez, un oficial de la Fuerza Aérea con 33 años de servicio activo y que desde 1989 integra la comisión sobre los OVNI y actualmente la preside.

El organismo funciona en una pequeña oficina ubicada en el centro de Montevideo y tiene una base informática y un archivo en papel, aún no respaldado tecnológicamente. Hay cientos de expedientes armados en carpetas verdes, bajo el rótulo de "reservado" y que contienen testimonios, fotografías, croquis, dibujos, documentos y evaluaciones hechas por los oficiales.

Casos sin resolver. Los archivos están formados por denuncias que se presentan a un ritmo de 100 casos por año.

La comisión ha recibido en toda su actuación aproximadamente 2.100 denuncias concretas, ha investigado y descartado muchas por distintos motivos, pero hay más de 40 casos sin explicación.

Esos expedientes se mantienen abiertos, e incluyen desde avistamientos y el aterrizaje de supuestas naves, hasta las llamadas abducciones, es decir denuncias sobre el secuestro de personas por parte de entidades extraterrestres.

La definición internacional concebida por el astrofísico estadounidense Allen Haynek divide estas situaciones en tres categorías: los contactos del primer tipo son aquellos con avistamiento; los del segundo tipo son los que registran un aterrizaje; y los del tercer tipo, los más explotados por la cinematografía, refieren a un encuentro con un objeto no identificado y sus tripulantes.

La tarea de la comisión militar es reunir un registro de casos y elaborar pautas o conclusiones sobre su veracidad y origen. Y ha obtenido resultados concretos: "La comisión consiguió determinar modificaciones a la composición química del suelo donde se denunciaron aterrizajes. El fenómeno existe. Puede ser desde un fenómeno que se da en la parte baja de la atmósfera, el aterrizaje de una aeronave de una fuerza aérea extranjera, hasta la teoría extraterrestre. Puede tratarse de una sonda de vigilancia procedente del espacio, del mismo modo que nosotros enviamos una sonda a explorar mundos lejanos", admitió el oficial. "El fenómeno OVNI existe en el país. Insisto: la Fuerza Aérea no descarta una hipótesis extraterrestre en base a nuestro análisis científico", subrayó Sánchez.

**EVIDENCIA.** La comisión guarda aún varios expedientes en papel, sobre todo de los de casos que están abiertos. La FAU ahora ha desclasificado toda la información, aún los expedientes rotulados "reservado". Solo se protege la identidad de los denunciantes.

**Aeronave.** Repasando el archivo, hay toda clase de situaciones. En un caso ocurrido tiempo atrás en un campo del departamento de Durazno, el testigo denunció la aparición de luces de colores durante una noche. Al brindar su testimonio a la comisión esta persona marcó con gran detalle los lugares donde se habría posado una aeronave. Analizada la composición química del suelo, se descubrió un aumento en los valores de minerales como cromo, manganeso, fósforo

y carbono, lo cual permitió concluir a los estudiosos la verosimilitud de la denuncia.

En los registros militares hay otro caso singular. Es la aparición de dos esferas rojizas, volando en silencio unos metros encima de la cabeza de dos troperos que arriaban ganado. Los aparatos se movían a gran velocidad en direcciones opuestas y luego desaparecieron hacia el Oeste a gran velocidad.

Los registros indican que los meses de mayor aparición de objetos son febrero, marzo, julio y octubre. En febrero de este año la comisión recibió numerosas denuncias acompañadas por fotografías digitales. La fotografía o filmación no es determinante para ningún caso, sino un aporte, explicó Sánchez, dado que actualmente hay muchas posibilidades técnicas de hacer montajes.

En Palmar. Los casos sin resolver tienen un alto nivel de extrañeza para la FAU. Por ejemplo, la persecución en que se embarcaron dos aviones militares Pucará en una noche de 1986. Ocurrió en la represa de Palmar, sobre la cual hallaron evolucionando una esfera luminosa. Los pilotos se juntaron y decidieron perseguirla. Cuando intentaron interceptarla, la esfera escapó a velocidad de vértigo en dirección a Argentina y no pudo ser alcanzada.

Cuando los pilotos volvían a su base, la esfera apareció otra vez sobre la represa. Pero sucedió lo mismo: comenzaron la persecución y la perdieron de vista. La esfera se alejó del lugar cambiando de color, del rojizo inicial al amarillo.

El regreso. Otro caso similar le ocurrió a un grupo de pilotos militares en 1996, es decir a observadores calificados que hacían ejercicios en la base de Santa Bernardina, en Durazno. Como en aquella noche del 86, vieron dos esferas luminosas, lo cual fue corroborado por la torre de control de tráfico del aeropuerto. Pero al huir mantuvieron su forma y luminosidad, lo cual sirvió para confirmar su forma esférica.

Unos minutos después, los pilotos vieron que las esferas comenzaron a perder brillo manteniendo sólo su contorno iluminado. "No eran satélites porque no vuelan en formación ni tan bajo, ya que estaban a 10.000 pies (3.000 metros aproximadamente), y tampoco atenúan su luminosidad", dijo Sánchez.

Otra de las incontables denuncias es la que presentaron los pilotos de un avión comercial de bandera nacional que, en 1979, regresando desde Paraguay, fue perseguido por un objeto de fuerte luminosidad que, incluso, fue fotografiado por pasajeros del avión. También es un caso sin explicación

Animales mutilados. La Fuerza Aérea también tiene testimonios gráficos de una decena de animales mutilados cuyos cuerpos aparecieron con heridas hechas con precisión quirúrgica. Los hechos datan de 2002. Nunca hubo una explicación coherente, pero las investigaciones de esta comisión militar apuntan a la hipótesis de que se trató de un posible ataque bioquímico, probablemente ocurrido en Argentina donde en la misma época hubo casi 700 animales mutilados sin explicación.

"Puede haber sido la consecuencia del viento procedente del Oeste", declaró el oficial. La FAU no descartó la hipótesis de un evento extraterrestre. Es otro caso sin respuestas.

Patrones. Las estadísticas militares muestran el perfil habitual de los denunciadores como el de un hombre joven, hasta 45 años de edad. Señalan asimismo que todos los casos ocurren en las primeras horas de la noche, en su gran mayoría con un solo testigo.

El 49% de la estadística lo conforman denuncias de aparición de esferas luminosas y apenas un 2% incluyen la observación de seres.

ABDUCCIONES. Uruguay no ha estado ajeno a los encuentros cercanos del tercer

tipo.

Lo más espeluznante de cualquier relato sobre OVNI suele ser escuchar una denuncia sobre secuestros de personas con fines de investigación, es decir las abducciones.

El recuerdo más patente de una abducción es el caso del matrimonio de Betty y Barney Hill, supuestamente secuestrados en una carretera de New Hampshire, Estados Unidos, en 1961 y sometidos a experimentos por parte de extraterrestres, cuyos detalles relataron en sesiones de hipnosis.

En Uruguay hubo varios casos que permanecen abiertos, muchos rodeados de espectacularidad. Uno ocurrió en 1980 en Playa Pascual y tuvo como protagonista a un acampante. Estaba sobre la costa, de noche, y de repente se le aparecieron personas de baja estatura que lo inmovilizaron y transportaron a una nave para ser sometido a exámenes. Luego, despertó en su carpa con problemas de movilidad.

Hubo otro caso donde una familia en un auto sufrió lo que se llama "perdida temporal". Relataron que mientras viajaban por una carretera los sobrevoló una aeronave que se posó delante del vehículo. Y no pudieron explicar qué les sucedió durante varios minutos.

Fe y realidad en estancia La Aurora

El trabajo de los "contactados", es decir, las personas que utilizan su percepción extrasensorial para comunicarse o tener experiencia con extraterrestres, no ayuda para nada a la Fuerza Aérea que, naturalmente, se maneja con evidencia empírica e investiga sobre terreno sólido, señaló el coronel Sánchez. "Yo soy católico, creyente, pero esto es otra cosa; es un tema técnico", aclaró.

Esas personas pueden hacer "un acto de fe" pero "nunca nos han dado pruebas de nada", dijo el militar. Incluso, la mítica estancia "La Aurora", ubicada en la frontera Sur del departamento de Salto aloja varias historias. Según los relatos llegados a oídos de los oficiales, se habla de un mundo intra terreno, una especie de universo paralelo que sirve de zona de recarga de energía para estas naves. "Fuimos, investigamos y nunca encontramos nada extraño. No hay indicios de nada peligroso o desconocido. Se testeó la radiactividad y no surgió nada relevante", dijo.

Cerca de la estancia hay varias torres de alta tensión que transportan la energía desde Salto Grande hacia UTE. Hay un río, el Daymán, y emanación de gases de minerales del fondo de la tierra a causa de la zona termal. "Todo eso podría producir alguna estática o fenómeno, pero nada anormal", afirmó.

El País Digital

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El fenómeno OVNI se ha manifestado muchas veces en Uruguay. Treinta años después del inicio de las investigaciones, aún hay unos ...

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Nacional

There are still 40 unexplained UFO cases. Investigations. Air Force declassified files; does not rule out the "extraterrestrial hypothesis"

Daniel Isgleas

The UFO phenomenon has manifested itself many times in Uruguay. Thirty years after the start of the investigations, there are still some 40 unsolved cases. The files were declassified and El País was granted access to them.

The Air Force will not publish a "Blue Book" containing the results of these thirty years of investigations, but El País, by decision of the command, accessed records and testimonies.

Although the Air Force commission studying the case has only been operating for a few decades, the UFO phenomenon began around 1947 in Uruguay as worldwide enthusiasm for sightings took off.

Although it is not Roswell, New Mexico - an emblematic place in the subject of extraterrestrials - Uruguay is a place listed as conducive to sightings of unidentified objects, acknowledged Colonel Ariel Sánchez, an Air Force officer with 33 years of active service who has been part of the commission on UFOs since 1989 and currently presides over it.

The agency operates out of a small office in downtown Montevideo and has a computer system and a paper archive, which has not yet been backed up electronically. There are hundreds of files compiled in green folders, labeled "restricted," containing testimonies, photographs, sketches, drawings, documents, and evaluations prepared by officers.

Unsolved cases. The files consist of complaints filed at a rate of 100 cases per year.

The commission has received approximately 2,100 specific complaints throughout its operations, has investigated and dismissed many for various reasons, but there are more than 40 cases without explanation.

These files remain open, and include everything from sightings and landings of alleged spacecraft to so-called abductions, that is, reports of people being kidnapped by extraterrestrial entities.

The international definition conceived by the American astrophysicist Allen Haynek divides these situations into three categories: contacts of the first kind are those with a sighting; those of the second kind are those that record a landing; and those of the third kind, the most exploited by cinematography, refer to an encounter with an unidentified object and its crew.

The military commission's task is to compile a record of cases and draw guidelines or conclusions about their veracity and origin. And it has obtained concrete results: "The commission was able to determine modifications to the chemical composition of the soil where landings were reported. The phenomenon exists. It could be anything from a phenomenon occurring in the lower atmosphere, the landing of an aircraft from a foreign air force, to the extraterrestrial theory. It could be a surveillance probe from space, just as we send a probe to explore distant worlds," the officer admitted. "The UFO phenomenon exists in the country. I insist: the Air Force does not rule out an extraterrestrial hypothesis based on our scientific analysis," Sánchez emphasized.

EVIDENCE. The commission still holds several paper files, especially those from open cases. The FAU has now declassified all the information, even the files labeled "reserved." Only the identities of the whistleblowers are protected.

Aeronave. Repasando el archivo, hay toda clase de situaciones. En un caso

ocurrido tiempo atrás en un campo del departamento de Durazno, el testigo denunció la aparición de luces de colores durante una noche. Al brindar su testimonio a la comisión esta persona marcó con gran detalle los lugares donde se habría posado una aeronave. Analizada la composición química del suelo, se descubrió un aumento en los valores de minerales como cromo, manganeso, fósforo y carbono, lo cual permitió concluir a los estudiosos la verosimilitud de la denuncia.

En los registros militares hay otro caso singular. Es la aparición de dos esferas rojizas, volando en silencio unos metros encima de la cabeza de dos troperos que arriaban ganado. Los aparatos se movían a gran velocidad en direcciones opuestas y luego desaparecieron hacia el Oeste a gran velocidad.

Los registros indican que los meses de mayor aparición de objetos son febrero, marzo, julio y octubre. En febrero de este año la comisión recibió numerosas denuncias acompañadas por fotografías digitales. La fotografía o filmación no es determinante para ningún caso, sino un aporte, explicó Sánchez, dado que actualmente hay muchas posibilidades técnicas de hacer montajes.

En Palmar. Los casos sin resolver tienen un alto nivel de extrañeza para la FAU. Por ejemplo, la persecución en que se embarcaron dos aviones militares Pucará en una noche de 1986. Ocurrió en la represa de Palmar, sobre la cual hallaron evolucionando una esfera luminosa. Los pilotos se juntaron y decidieron perseguirla. Cuando intentaron interceptarla, la esfera escapó a velocidad de vértigo en dirección a Argentina y no pudo ser alcanzada.

Cuando los pilotos volvían a su base, la esfera apareció otra vez sobre la represa. Pero sucedió lo mismo: comenzaron la persecución y la perdieron de vista. La esfera se alejó del lugar cambiando de color, del rojizo inicial al amarillo.

El regreso. Otro caso similar le ocurrió a un grupo de pilotos militares en 1996, es decir a observadores calificados que hacían ejercicios en la base de Santa Bernardina, en Durazno. Como en aquella noche del 86, vieron dos esferas luminosas, lo cual fue corroborado por la torre de control de tráfico del aeropuerto. Pero al huir mantuvieron su forma y luminosidad, lo cual sirvió para confirmar su forma esférica.

Unos minutos después, los pilotos vieron que las esferas comenzaron a perder brillo manteniendo sólo su contorno iluminado. "No eran satélites porque no vuelan en formación ni tan bajo, ya que estaban a 10.000 pies (3.000 metros aproximadamente), y tampoco atenúan su luminosidad", dijo Sánchez.

Otra de las incontables denuncias es la que presentaron los pilotos de un avión comercial de bandera nacional que, en 1979, regresando desde Paraguay, fue perseguido por un objeto de fuerte luminosidad que, incluso, fue fotografiado por pasajeros del avión. También es un caso sin explicación

Animales mutilados. La Fuerza Aérea también tiene testimonios gráficos de una decena de animales mutilados cuyos cuerpos aparecieron con heridas hechas con precisión quirúrgica. Los hechos datan de 2002. Nunca hubo una explicación coherente, pero las investigaciones de esta comisión militar apuntan a la hipótesis de que se trató de un posible ataque bioquímico, probablemente ocurrido en Argentina donde en la misma época hubo casi 700 animales mutilados sin explicación.

"Puede haber sido la consecuencia del viento procedente del Oeste", declaró el oficial. La FAU no descartó la hipótesis de un evento extraterrestre. Es otro caso sin respuestas.

Patrones. Las estadísticas militares muestran el perfil habitual de los denunciantes como el de un hombre joven, hasta 45 años de edad. Señalan asimismo que todos los casos ocurren en las primeras horas de la noche, en su gran mayoría con un solo testigo.

El 49% de la estadística lo conforman denuncias de aparición de esferas luminosas y apenas un 2% incluyen la observación de seres.

ABDUCCIONES. Uruguay no ha estado ajeno a los encuentros cercanos del tercer tipo.

Lo más espeluznante de cualquier relato sobre OVNI suele ser escuchar una denuncia sobre secuestros de personas con fines de investigación, es decir las abducciones.

El recuerdo más patente de una abducción es el caso del matrimonio de Betty y Barney Hill, supuestamente secuestrados en una carretera de New Hampshire, Estados Unidos, en 1961 y sometidos a experimentos por parte de extraterrestres, cuyos detalles relataron en sesiones de hipnosis.

En Uruguay hubo varios casos que permanecen abiertos, muchos rodeados de espectacularidad. Uno ocurrió en 1980 en Playa Pascual y tuvo como protagonista a un acampante. Estaba sobre la costa, de noche, y de repente se le aparecieron personas de baja estatura que lo inmovilizaron y transportaron a una nave para ser sometido a exámenes. Luego, despertó en su carpa con problemas de movilidad.

Hubo otro caso donde una familia en un auto sufrió lo que se llama "perdida temporal". Relataron que mientras viajaban por una carretera los sobrevoló una aeronave que se posó delante del vehículo. Y no pudieron explicar qué les sucedió durante varios minutos.

Fe y realidad en estancia La Aurora

El trabajo de los "contactados", es decir, las personas que utilizan su percepción extrasensorial para comunicarse o tener experiencia con extraterrestres, no ayuda para nada a la Fuerza Aérea que, naturalmente, se maneja con evidencia empírica e investiga sobre terreno sólido, señaló el coronel Sánchez. "Yo soy católico, creyente, pero esto es otra cosa; es un tema técnico", aclaró.

Esas personas pueden hacer "un acto de fe" pero "nunca nos han dado pruebas de nada", dijo el militar. Incluso, la mítica estancia "La Aurora", ubicada en la frontera Sur del departamento de Salto aloja varias historias. Según los relatos llegados a oídos de los oficiales, se habla de un mundo intra terreno, una especie de universo paralelo que sirve de zona de recarga de energía para estas naves. "Fuimos, investigamos y nunca encontramos nada extraño. No hay indicios de nada peligroso o desconocido. Se testeó la radiactividad y no surgió nada relevante", dijo.

Cerca de la estancia hay varias torres de alta tensión que transportan la energía desde Salto Grande hacia UTE. Hay un río, el Daymán, y emanación de gases de minerales del fondo de la tierra a causa de la zona termal. "Todo eso podría producir alguna estática o fenómeno, pero nada anormal", afirmó.

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The UFO phenomenon has manifested itself many times in Uruguay. Thirty years after the start of the investigations, there are still some...

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Comisión Receptora e Investigadora de Denuncias de Objetos Voladores No  
Identificados (Cridovni) de la Fuerza Aérea Uruguaya

Coronel Ariel Sánchez Ríos (Cridovni): "La reciente respuesta de Estados Unidos contra ovnis se ajusta a su doctrina de defensa"  
coronel Ariel Sánchez Ríos Cridovni Uruguay  
Coronel (Nav.) (R) Ariel Sánchez Ríos, presidente de la Cridovni.

El coronel Ariel Sánchez Ríos, presidente de la Cridovni uruguaya, comparte su opinión sobre los derribos de objetos voladores no identificados, el pasado mes de febrero, por parte de la Fuerza Aérea estadounidense. Las acciones se llevaron a cabo sobre el océano atlántico cerca de Carolina del Sur, el norte de Alaska, la región canadiense del Yukón -por orden del primer ministro Justin Trudeau- y el lago Hurón.

09/03/2023 Por Bernardo Valadés.

Coronel, ¿qué opinión le merecen las acciones militares recientes de Estados Unidos contra ovnis de diferentes formas y tamaños, sobre todo globos y objetos cilíndricos?

Me parece que han sido acciones ajustadas a la doctrina de defensa de Estados Unidos. Y, por lo tanto, están encuadradas dentro de las respuestas militares que son factibles de esperar ante situaciones como estas.

Bajo su punto de vista, ¿los objetos voladores fueron derribados porque podían poner en riesgo la seguridad nacional, debido a labores de espionaje, o la seguridad de la aviación civil, a consecuencia de su altitud?

Creo que las dos posibilidades eran válidas para que Estados Unidos derribase los ovnis, ya que la afectación de la seguridad aérea era una realidad y, por otra parte, la situación de espionaje podría ser un hecho probable.

Se debe tener en cuenta que los objetos en cuestión carecían de autorización de sobrevuelo y los países involucrados -EEUU y Canadá- no tenían conocimiento de ellos. Por lo tanto, se planteó una situación irregular, China no hizo ninguna advertencia previa al ingreso de estos objetos a territorio extranjero y los controles de tránsito aéreo actuaron de forma adecuada según las normas vigentes al detectar los mismos en su espacio aéreo.

explosión de un globo meteorológico

El sábado 4 de febrero, EEUU derribó un globo chino que, presuntamente, realizaba labores de espionaje.

Además, ¿considera que dichas acciones tenían como objetivo dejar claro que Estados Unidos no está dispuesta a tolerar que haya intrusiones de ningún tipo en su espacio aéreo?

No lo creo. No es necesario puesto que todos los países del mundo, no solamente Estados Unidos, cuidan sus fronteras aéreas de intrusiones ilegales. Y esta fue una más de las que se ha dado a lo largo de la historia aeronáutica.

En Uruguay, mi país, en 2020 se aprobó la denominada ley de derribo, promulgada a raíz del ingreso ilegal de aviones con drogas y armas. Este tipo de situación abarca también a otras que determinen un ingreso no autorizado, vaya a saber con qué fines, y que pudieran poner en riesgo aeronaves con pasajeros y

tripulaciones, así como a gente en tierra.

¿Qué opinión le merecen las declaraciones del general Glen D. VanHerck, responsable del Comando Norte de la Fuerza Aérea estadounidense, en las que no descartaba que los objetos volantes fuesen de origen extraterrestre?

Las declaraciones del general Glen D. VanHerck han sido muy correctas y ajustadas a las distintas posibilidades que existen hasta que no finalicen las investigaciones y se determine la procedencia de estos objetos.

En el caso de la Cridovni, ante situaciones de avistamientos de ovnis y dentro de los casos investigados cuyo resultado nos ha dado un alto nivel de extrañeza, no descartamos la posibilidad de que nos encontremos ante tecnología de origen extraterrestre. Pero para demostrar esta hipótesis se necesitan evidencias.

Sí afirmamos, y lo hemos hecho público hace más de diez años, que aquellos casos investigados en los que se han observado elevados niveles aéreos de extrañeza, los mismos nos demuestran que estamos ante la presencia de tecnología aeroespacial superior a la conocida actualmente y no desarrollada por las principales potencias del mundo.

Algunos ufólogos creen que las manifestaciones del general han sembrado confusión o restado mérito al trabajo serio que muchos investigadores realizan sobre el fenómeno ovni. ¿Está de acuerdo con dicha apreciación?

No creo que las declaraciones siembren confusión o resten mérito al trabajo de otros investigadores. Desde mi punto de vista, estas manifestaciones nos muestran la óptica con que Estados Unidos está tratando el tema de los ovnis, sin descartar ninguna opción. Y esa actitud, comparada con nuestra tarea en la Cridovni, refuerza el criterio con el que veníamos trabajando a la hora de establecer hipótesis, puesto que, por las declaraciones de este general, coincidimos ambos países en el tratamiento del tema.

avión F-22 de Estados Unidos

El pasado mes de febrero, Estados Unidos desplegó aviones F-22, como el de la imagen, para abatir ovnis.

En el caso de Uruguay, ¿entre las investigaciones llevadas a cabo por la Cridovni se encuentran las relativas a globos como los avistados y derribados en Estados Unidos?

Como los avistados en Estados Unidos en este caso en particular, no. Pero sí hemos tenido muchas denuncias de esferas que resultaron ser globos: globos meteorológicos pertenecientes a países vecinos que fueron identificados oportunamente; globos de Google reportados con antelación y controlados; globos de eventos populares; y hasta globos de cumpleaños...

En algunas situaciones, ¿el fenómeno ovni está relacionado con fines de espionaje?

No deberíamos descartar esa opción, seguramente lo esté. Lo que sucede es que ovni significa objeto volador no identificado. Y al no poder identificarlo, el espionaje también entra dentro de las hipótesis de trabajo de los investigadores, al igual que las aeronaves del narcotráfico y otros tipos de vuelos irregulares.

Aprovecho para mencionar y aclarar que, por estas razones, las tareas de investigación de ovnis deben ser y son llevadas a cabo por las Fuerzas Aéreas en cualquier país. Ello es así porque la responsabilidad de la seguridad aérea recae sobre los Estados y estos han designado a las Fuerzas Aéreas para el cumplimiento de dicha misión.

Los grupos y personas civiles que se dedican a tratar de investigar los ovnis por hobby o interés místico o económico, pues el tema se presta para libros, películas, congresos, espacios televisivos, etc., pueden entorpecer las tareas

de investigación que llevan a cabo las Fuerzas Aéreas a la hora de investigar denuncias sobre los ovnis. Al hablar con testigos, levantar evidencias y divulgar todo ello por las redes sociales propician que las personas que han presenciado un avistamiento luego no quieran colaborar con las autoridades nacionales a cargo de las investigaciones.

Estos seudoinvestigadores, que no tienen acceso a la información aérea civil y militar, tampoco asumen ninguna responsabilidad ante situaciones que amenacen la seguridad aérea de un país. Y es por ello que su papel, al final de cuentas, es de colaboración y difusión del tema ovni con la prensa y las redes sociales.

Entre los últimos sucesos abordados por la Cridovni se encuentra el de Paysandú. Sobre este caso, el capitán Marcos Temesio ha manifestado que presentaba "un nivel de extrañeza interesante". ¿Les sorprende que este caso haya tenido tanta repercusión en los medios de comunicación?

No, porque, casualmente, coincidió con lo sucedido en Estados Unidos con los ovnis en febrero. Y ello fomentó que la noticia se replicara en Uruguay como si fuese un escenario paralelo, estimando la opinión pública que las apariciones eran similares en ambos países y de iguales características, cosa que no fue así. Esto se multiplicó en las redes sociales y la prensa digital internacional, repercutiendo de manera inusual fuera de nuestras fronteras.

Uruguay, con la ciudad de Paysandú a la cabeza y otras localidades, fue centro de atención hasta principios de marzo por la cantidad de denuncias realizadas sobre ovnis. En total, se han recibido y procesado casi un centenar, algunas con un alto nivel de extrañeza al observarse formas opacas y seres.

¿El fenómeno ovni ha dejado de ser un tema tabú en la prensa considerada tradicional, seria y rigurosa?

Sí, ha dejado de ser un tabú para la prensa. Pero hay que reconocer que ello se debe a la influencia y los cambios en el tratamiento del tema por parte de Estados Unidos, Rusia, China y otras naciones. Estos países han modificado su vieja concepción y posición de secretismo y negación ante los ovnis. Así, desde hace unos tres años han adquirido una posición y tratamiento del asunto totalmente abierto al público, creando grupos y comisiones estatales de investigación con presupuestos acordes a las necesidades, afectando e integrando a tales efectos a científicos, militares, técnicos, políticos, etc., e incluso dando a conocer la misión y objetivos propuestos.

mapa de Paisandú, en Uruguay

Los avistamientos de Paysandú se magnificaron al coincidir con los eventos acaecidos en Estados Unidos y Canadá.

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Víctor García (TotalEnergies México): "La seguridad corporativa, primordial para garantizar la continuidad o recuperación de los servicios esenciales"

Irving Enríquez Sánchez, gerente de Seguridad, Salud Ocupacional y Medio Ambiente en Hospitales MAC.

Irving Enríquez Sánchez (Hospitales MAC): "La participación integral de los sistemas hospitalarios será un parteaguas en el Mundial de Fútbol 2026"

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OTTAWA, Ontario, November 21, 1950

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Geo-Magnetics

(R.ST.)

MEMORANDUM TO THE CONTROLLER OF TELECOMMUNICATIONS:

For the past several years we have been engaged in the study of various aspects of radio wave propagation. The vagaries of this phenomenon have led us into the fields of aurora, cosmic radiation, atmospheric radio-activity and geo-magnetism. In the case of geo-magnetics our investigations have contributed little to our knowledge of radio wave propagation as yet, but nevertheless have indicated several avenues of investigation which may well be explored with profit. For example, we are on the track of a means whereby the potential energy of the earth's magnetic field may be abstracted and used.

On the basis of theoretical considerations a small and very crude experimental unit was constructed approximately a year ago and tested in our Standards Laboratory. The tests were essentially successful in that sufficient energy was abstracted from the earth's field to operate a voltmeter, approximately 50 milliwatts. Although this unit was far from being self-sustaining, it nevertheless demonstrated the soundness of the basic principles in a qualitative manner and provided useful data for the design of a better unit.

The design has now been completed for a unit which should be self-sustaining and in addition provide a small surplus of power. Such a unit, in addition to functioning as a 'pilot power plant' should be large enough to permit the study of the various reaction forces which are expected to develop.

We believe that we are on the track of something which may well prove to be the introduction to a new technology. The existence of a different technology is borne out by the investigations which are being carried on at the present time in relation to flying saucers.

While in Washington attending the NARB Conference, two books were released, one titled "Behind the Flying Saucer" by Frank Scully, and the other "The Flying Saucers are Real" by Donald Keyhoe. Both books dealt mostly with the sightings of unidentified objects and both books claim that flying objects were of extra-terrestrial origin and might well be space ships

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Page 2

from another planet. Scully claimed that the preliminary studies of one saucer which fell into the hands of the United States Government indicated that they operated on some hitherto unknown magnetic principles. It appeared to me that our own work in geo-magnetics might well be the

linkage between our technology and the technology by which the saucers are designed and operated. If it is assumed that our geo-magnetic investigations are in the right direction, the theory of operation of the saucers becomes quite straight forward, with all observed features explained qualitatively and quantitatively.

I made discreet enquiries through the Canadian Embassy staff in Washington who were able to obtain for me the following information:

- a. The matter is the most highly classified subject in the United States Government, rating higher even than the H-bomb.
- b. Flying saucers exist.
- c. Their modus operandi is unknown but concentrated effort is being made by a small group headed by Doctor Vannevar Bush.
- d. The entire matter is considered by the United States authorities to be of tremendous significance.

I was further informed that the United States authorities are investigating along quite a number of lines which might possibly be related to the saucers such as mental phenomena and I gather that they are not doing too well since they indicated that if Canada is doing anything at all in geo-magnetics they would welcome a discussion with suitably accredited Canadians.

While I am not yet in a position to say that we have solved even the first problems in geo-magnetic energy release, I feel that the correlation between our basic theory and the available information on saucers checks too closely to be more coincidence. It is my honest opinion that we are on the right track and are fairly close to at least some of the answers.

Mr. Wright, Defence Research Board liaison officer at the Canadian Embassy in Washington, was extremely anxious for me to get in touch with Doctor Solandt, Chairman of the Defence Research Board, to discuss with him future investigations along the line geo-magnetic energy release.

..... 3

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Document #: 28  
From: UFO INFO SERVICE  
Date Sent: 07-21-1986  
Subject: 1950 W.B.SMITH MEMO #3

FREEDOM OF INFORMATION ACT DOCUMENT FILES  
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Page 3

I do not feel that we have as yet sufficient data to place before Defence Research Board which would enable a program to be initiated within that organization, but I do feel that further research is necessary and I would prefer to see it done within the frame work of our own organization with, of course, full co-operation and exchange of information with other

interested bodies.

I discussed this matter fully with Doctor Solandt, Chairman of Defence Research Board, on November 20th and placed before him as much information as I have been able to gather to date. Doctor Solandt agreed that work on geo-magnetic energy should go forward as rapidly as possible and offered full co-operation of his Board in providing laboratory facilities, acquisition of necessary items of equipment, and specialized personnel for incidental work in the project. I indicated to Doctor Solandt that we would prefer to keep the project within the Department of Transport for the time being until we have obtained sufficient information to permit a complete assessment of the value of the work.

It is therefore recommended that a PROJECT be set up within the frame work of this Section to study this problem and that the work be carried on a part time basis until such time as sufficient tangible results can be seen to warrant more definitive action. Cost of the program in its initial stages are expected to be less than a few hundred dollars and can be carried by our Radio Standards Lab appropriation.

Attached hereto is a draft of terms of reference for such a project which, if authorized, will enable us to proceed with this research work within our own organization.

(W.B. Smith)  
Senior Radio Engineer

WBS/cc

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Document #: 29  
From: UFO INFO SERVICE  
Date Sent: 07-26-1986  
Subject: 1953 GEN.BURGESS 4602nd

FREEDOM OF INFORMATION ACT DOCUMENT FILES  
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DECLASSIFIED PER EXECUTIVE ORDER 12356, Section 3.3, NND 841508  
By WG Lewis NARS, Date Jan 29, 1985

CONFIDENTIAL

Brig. General W. M. Burgess  
Deputy for Intelligence  
Air Defense Command  
Ent Air Force Base  
Colorado Springs, Colorado

23 DEC 1953

Dear Woody:

In your new function in the Unidentified Flying Object Program, it is our understanding that your 4602nd people will do the "leg work" so to speak, and furnish ATIC with its findings. For those types that cannot be identified by your Squadron, ATIC will handle from an exploratory point of view.

Many times the publicity connected with this program has been somewhat embarrassing, in that we are dealing with a subject, parts of which, are not explainable, and the public feeling is that we are holding back information they should know about.

Due to a policy letter General Samford wrote this Directorate a while back, this office has assumed motorship of releases to the public. I would like to quote the last sentence of General Samford's letter as it pertains to publicity:

"The Directorate of Intelligence, USAF, will resist consistently any idea that a releasable story can be developed about any intelligence activity, process, or experience."

As you realize, there is a 10-20% area of unexplainable objects, in this program. Also, for this area, we believe General Samford's statement above applies, in that it deals in an intelligence process performed by ATIC. Therefore, we would like to offer you guidance in the publicity angle as it pertains to your activity.

CONFIDENTIAL

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Document #: 30  
From: UFO INFO SERVICE  
Date Sent: 07-26-1986  
Subject: 1953GEN.BURGESS 4602nd #2

FREEDOM OF INFORMATION ACT DOCUMENT FILES  
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DECLASSIFIED PER EXECUTIVE ORDER 12356, Section 3.3, NND 841508  
By WG Lewis NARS, Date Jan 29, 1985.

AF0IN-X/Lt Col Smith/tjc/71092  
Wrtn 21 Dec 53

CONFIDENTIAL

We think it would be well for your 4602nd people in the ZI, to discuss a particular sighting with the public or press, anytime the object can be identified. Meaning, if they can verify the object as a balloon, aircraft, helicopter, etc., go ahead and inform interested parties. However, for those times where the object is not explainable, it would be well to advise your people to say something on this order, "The information on this sighting will be analyzed by the Air Technical Intelligence Center at Dayton, Ohio", and leave it go at that. If your people get into analyzing the 10-20% area to the public, every news media across the country will pick up the story.

For your information, we have requested ATIC to sub-

mit to this office, a report that can be released to the public. If you desire we could forward to your office a copy of this report, that could be used by your agency, for release purposes.

Sincerely yours,

1 Incl  
Cy of RSR #1  
to ATIC dtd  
21 Dec 53 fr D/I

GEORGE E PERRY  
Colonel, USAF  
Directorate of Intelligence

P.S. I am informed this letter is somewhat pre-mature, in that complete coordination has not effected on the regulation that puts you in this business; however, you might be able to use this in your pre-planning.

OSAF-OP1 LT. R.C. WHITE

AFOIN-X

AFOIN-X

Lt Col Smith

Col Perry 2

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By: the Editors of Publications International, Ltd.

Robert Sarbacher Confirms UFO Crash Rumors

image of government document

A memo written by Canadian government engineer Wilbert Smith concerning the September 1950 meeting with Sarbacher surfaced three decades later. This led ufologists to Sarbacher for answers. In answer to an inquirer, Sarbacher passed on what he remembered hearing about UFOs during his tenure as a scientific advisor to the Defense Department.

Jerome Clark

A remarkable interview occurred in Washington, D.C., on September 15, 1950, but the content did not leak out until the early 1980s, when Canadian ufologist Arthur Bray found a memo by one of the participants, radio engineer Wilbert B. Smith of Canada's Department of Transport. The memo described a conversation with physicist Robert I. Sarbacher, a consultant with the U.S. Department of Defense Research and Development Board (RDB), at one of the regular meetings Sarbacher and other government scientists conducted with their Canadian counterparts.

Asked about the crash rumors, Sarbacher said they were "substantially correct." He said UFOs "exist. . . . We have not been able to duplicate their performance. . . . All we know is, we didn't make them, and it's pretty certain they didn't originate on the Earth." The issue was so sensitive that "it is classified two points higher even than the H-bomb. In fact it is the most highly classified subject in the U.S. government at the present time." Sarbacher refused to say more.

Smith, who died in 1961, mounted a small, short-lived UFO investigation, Project Magnet, for his government. Through official channels he tried unsuccessfully to learn more than Sarbacher's cryptic remarks had revealed. After the memo surfaced, ufologists found a listing for Sarbacher in Who's Who in America, citing his impressive scientific, business, and educational credentials.

When interviewed, Sarbacher said he had not personally participated in the UFO project, though he knew those who had, including RDB head Vannevar Bush, John von Neumann, and J. Robert Oppenheimer -- three of America's top scientists in the 1940s and 1950s. He had read documents related to the project and on occasion had been invited to participate in Air Force briefings.

"There were reports that instruments or people operating these machines were also of very light weight, sufficient to withstand the tremendous deceleration and acceleration associated with their machinery," Sarbacher told an inquirer in 1983. "I remember in talking with some of the people at the office that I got the impression these 'aliens' were constructed like certain insects we have observed on Earth, wherein because of the low mass the inertial forces involved in operating of these instruments would be quite low. I still do not know why the high order of classification has been given and why the denial of the existence of these devices." Sarbacher could not recall where the crashes had taken place, but he did remember hearing of "extremely light and very tough" materials recovered from them.

Sarbacher's story never varied, and he resisted the temptation to elaborate or speculate. All who interviewed him were impressed. Still, his story could not be verified, since the persons he named were all dead. Sarbacher himself died in the summer of 1986.

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unidentified aerial phenomena

(Pedro França/Agência Senado/CC 2.0)

Brazilian Senators Call for Hearings to Examine Question of Unidentified Aerial Phenomena

Micah Hanks·April 7, 2022

Brazilian Senators are calling for a special session that aims to bring greater public awareness to the issue of unidentified aerial phenomena (UAP), according to an official Senate Requirement that was recently filed.

Citing countries around the world that “have established research commissions for these vehicles,” the Requirement references initiatives like those undertaken by the United States Department of Defense in recent years, and states that “a governmental opening is sought so that the truth discovered by these nations and their research bodies is revealed.”

The special session the Requirement proposes will occur on or around June 24, 2022, a date internationally recognized by UAP proponents for its association with pilot Kenneth Arnold’s sighting of several unidentified objects over Mount Rainier, Washington, in 1947.

“Brazil emerges in this scenario as the first nation to officially admit that UFOs actually exist,” a translated portion of the Senate Requirement states, emphasizing the country’s long history of involvement with UAP investigations. “This occurred in a meeting open to society, military and press held at the Escola Superior de Guerra (ESG), in Rio de Janeiro, in 1954, when the then captain of the Air Force João Adil de Oliveira declared to those present the reality of these flying objects and their advanced technological characteristics.”

“France would only do the same, coming second in 1976, 22 years later,” the document adds.

The recent initiative was spearheaded by Brazilian Senator Eduardo Girão, with support from Senators Eliziane Gama, Alessandro Vieira, Izalci Lucas, Jorge Kajuru, Marcos do Val, Paulo Rocha, and José Reguffe.

Senator Eduardo Girão (left) along with Senator Izalci Lucas, who was a co-author of the recent Brazilian Senate Requirement (Credit: Agência Senado/CC 2.0)

The Debrief reached out to Senator Girão’s office about the Requirement but did not receive a response.

The recent efforts of the Brazilian Senate are partly the result of a civilian-led initiative that began in 2004, launched by AJ Gevaerd, publisher of the Brazilian UFO Magazine, Revista UFO, and the Brazilian Commission of Ufologists (CBU) called “UFOs: Freedom of Information Now.” The initiative resulted in an invitation to members from both groups to attend Brazil’s Integrated Center for Air Defense and Air Traffic Control (Cindacta) and Brazilian Aerospace Defense Command (Comdabra) in Brasilia, where they were granted access to government documents related to UAP.

Speaking with Gevaerd at the recent 25th Annual UFO Congress in Curitiba, Brazil, he told The Debrief that he was initially contacted by Senator Girão late last year, who invited him to help organize the hearing proposed in the recent Senate Requirement.

“We’ve been discussing this,” Gevaerd said, “and this very week he just made it official.” Gevaerd said it represents “the first time in history that a country anywhere in the world [organized] an official activity inside its Senate to promote the UFO subject.”

unidentified aerial phenomena

A.J. Gevaerd being interviewed by the author in Curitiba, Brazil, on March 20, 2022 (Credit: R. Krasinski).

"We will meet for an entire afternoon in Brasilia," Gevaerd said, where he and other researchers will speak with Senate and Congressmen present "about UFO evidence, researchers, official documents, the best cases... all the best we have about UFOs in Brazil."

Rony Vernet, a Brazilian computer engineer currently pursuing a master's degree in physics, was also involved in helping Gevaerd plan the hearing.

"Some time ago I got in touch with Gevaerd to present a proposal to bring the Brazilian Congress closer to what has been done in the U.S. for some time," Vernet told The Debrief. The founder of UAP Brazil, a website that examines unidentified aerial phenomena reported in the country, Vernet had recently obtained "more than 100 pages of documents and 20 minutes of videos about encounters of indigenous tribes with UAP" when he contacted Gevaerd.

Vernet said he was particularly interested in UAP developments occurring in the United States, and hoped that Brazilian government officials might also be willing to engage with the UAP topic.

"I was following the news that arrived from the USA daily," Vernet says.

"The special session at the Brazilian congress will be a public event," Vernet says, adding that he will be among the researchers in attendance and will be presenting "the most important points of the documents released by the government about cases in the north of the country involving fisherman villages and indigenous communities since the 70s to the present day."

"These are delicate incidents," Vernet told The Debrief, "as they involve people hit by beams of light from the UAP, some with recoverable damage and others with permanent sequelae."

Some of the incidents described by Vernet, which involve injuries that purportedly resulted from UAP encounters, were investigated by the Brazilian Air Force's Operação Prato (Operation Saucer) between 1977 and 1978. The program focused its inquiries mainly on UAP events that were being frequently reported around the city of Colares in the Brazilian State of Pará.

Gevaerd told The Debrief that Brazil has had "four or five different committees or programs for UFO research in the country." Predating Operação Prato by nearly a decade was the country's Unidentified Aerial Object Investigation System (Sioani) at the IV Regional Air Command (COMAR), in São Paulo. A similar investigative effort was launched in 1986, following a widely publicized incident involving the pursuit of 21 large spherical objects by Brazilian Air Force pilots.

Vernet thinks that presenting the Brazilian Senate with well-documented information on unidentified aerial phenomena could encourage the country to pursue initiatives like those seen in the United States in recent months.

#### Brazil UAP

Brazilian Senator Alessandro Vieira (left), who also co-authored the recent Requirement with Girão (Credit: Agência Senado/CC 2.0).

"The next step would be to help congressmen draft a bill to create a research office involving civil and military organizations like what was proposed by the Gillibrand Amendment," says Vernet, who also told The Debrief he is currently leading a separate initiative that is focused on briefing influential Brazilian scientists about the UAP issue.

unidentified anomalous phenomena

See Also

New U.S. Government Report Details Latest Findings in the Pentagon's Investigations of Unidentified Anomalous Phenomena  
Gevaerd says that he hopes that the forthcoming hearing will continue what he views as being a leading role Brazil has played in bringing transparency to the UAP issue over the decades.

"I would say that Brazil has a leadership in this field," Gevaerd says. "We have a movement that started some ten years ago to ask the government to come clear about UFOs."

"And we succeeded," Gevaerd says. "Now in the public library in Brasilia's National Archives, there are 20,000 pages of UFO documents produced by the Brazilian Air Force free for public access."

Despite the Brazilian government's long history of involvement and documentation related to its investigations in the country's National Archives, Vernet says that many in the Brazilian Senate remain doubtful, and that the hearing could provide an important opportunity to bring awareness to ongoing issues related to unidentified aerial phenomena.

"It must be remembered that most senators are skeptical," Vernet told The Debrief.

"The focus on official documents and facts from the US Government is critical," he says.

Micah Hanks is Editor-in-Chief and Co-Founder of The Debrief. Follow his work at micahhanks.com and on Twitter: @MicahHanks.

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Revelado o segredo da Barra da Tijuca

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João Martins, samedi 31 octobre 1959

Reportagem de João Martins

O CASO do "disco voador" da Barra da Tijuca é, hoje, história do passado. Para mim, pessoalmente, ele teve o mérito de despertar a minha atenção para o enigma que continua a desafiar a Humanidade. De maio de 1952 para cá, tenho sistematicamente levado a efeito uma investigação fria, racional e organizada no sentido de descobrir o que são eles, de onde vêm, como são propulsionados e que intuítos têm os seus possíveis tripulantes. De tempo a tempos, tenho publicado reportagens ou séries de reportagem, nas quais levo ao conhecimento do público o resultado dos meus esforços. Os que acompanham estes meus escritos, são testemunhas do critério e do equilíbrio em que tenho me mantido num assunto tão fácil de descambar para o sensacionalismo inconsequente ou para a fantasia desbragada. Por isso mesmo, tenho hoje o privilégio de ser conhecido e acatado pelos investigadores mais bem informados e mais sérios que, no Brasil e em muitos outros países estão empenhados na pesquisa objetiva e honesta deste mistério. Para esses, o caso da Barra da Tijuca é um dos chamados "casos clássicos" da crônica mundial dos "discos voadores". As fotos tiradas naquela ocasião pelo veterano Ed Keffel, cuja longa vida profissional representa um exemplo de honestidade, eficiência e amor ao seu trabalho, são, para os homens que se encontram nos bastidores desta imensa investigação internacional, um dos documentos mais preciosos e fidedignos.

Fernando Cleto, na TV Continental, revelou os estudos feitos pela FAB sobre o "disco" da B. da Tijuca s1

Fernando Cleto, na TV Continental, revelou os estudos feitos pela FAB sobre o "disco" da B. da Tijuca s1D. Alexandre

Isto tudo não impede, porém, de que haja quem ainda ponha em dúvida a autenticidade das citadas fotografias, por simples desconhecimento do assunto ou simples desonestidade. De tempos em tempos, quando algum caso de "disco voador" se torna mais sensacional não falta o aparecimento de alguém que, em busca de um cartaz fácil, se atire ao ataque das fotos de Ed Keffel, como se essas fotos fossem as únicas que provassem a existência dos "discos", como se o incidente da Barra da Tijuca não fosse apenas um, dentre milhares de outros. Ora é um fotógrafo qualquer que, ridiculamente, joga pratos para cima e declara, da forma mais primária, que ele também pode tirar fotos de "discos voadores"... Ora é um "cientista", de almanaque que, buscando desesperadamente estabelecer polêmica a fim de arranjar publicidade barata para si próprio, investe da forma mais grosseira e menos "científica" possível contra este repórter, contra Keffel, contra todos os que testemunharam ou levam a sério os "discos voadores", sejam eles civis ou militares, leigos ou técnicos.

Da minha parte, nunca me dei ao trabalho de responder a esses adversários gratuitos. Tenho seguido, impertubavelmente, no meu caminho, pois de outra forma ficaria encaalhado em discussões inúteis que nem ao menos se poderiam manter em plano elevado. Atenho-me a fatos. Apresento fatos aos meus leitores. Se alguém não crê ou se recusa a crer nestes fatos, o problema não é meu. Mesmo que nunca tive a intenção de "converter" ninguém: os "discos voadores" não são, para mim, uma questão de crença, nem uma obsessão. Como repórter, encaro-os como um

fascinante assunto jornalístico. Pessoalmente, estou certo da tremenda importância que eles podem ter no decurso da nossa evolução, principalmente nesta época em que damos os primeiros passos rumo ao nosso satélite e aos planetas mais próximos.

Os documentos e o relato que trago hoje aos leitores não têm, portanto, o sentido de defesa ou justificação. A presente publicação representa apenas uma consideração para com todos aqueles (e são a maioria) que formam ao nosso lado. Conhecendo, desde 1954, o estudo feito pela FAB a respeito do caso da Barra da Tijuca, eu poderia tê-lo publicado muito antes, se quisesse colocar-me voluntariamente na posição de réu que se defende, ou de acusado que se justifica. Nunca senti a necessidade de me pôr nessa posição. Tinha a consciência tranqüila e a satisfação íntima de contar com a confiança e a amizade dos que acompanham o assunto, procurando antes, informa-se bastante a respeito, e dos investigadores civis e militares que poderiam, em sua consciência, ter uma opinião a respeito. Para mim e para Keffel, a opinião de um homem como o Cel. Adil de Oliveira sempre valeu mais do que a de cem amigos gratuitos ou a de cem "descrentes" sem base.

O que os leitores vêem nestas páginas e o que vão ler a seguir é o que foi mostrado e dito, na TV Continental, Canal 9, do Rio de Janeiro, na noite de 11 de outubro, por Fernando Cleto, na segunda apresentação do seu programa semanal, já vitorioso, denominado "O Enigma do Espaço". Fernando Cleto é um alto funcionário do Banco do Brasil. Há mais de dez anos que vem investigando os chamados "discos voadores". É um dos pesquisadores civis mais credenciados no Brasil. Conta com a colaboração de investigadores civis e militares, altamente informados a respeito. O que ele revelou, no seu programa, em absoluta primeira mão, e que vai aqui reproduzido, ganha ainda maior valor para nós, quando sabemos que nem ele nem a TV Continental fazem parte dos "Diários Associados". O que vão ler, portanto, é o depoimento de um homem cuja única ligação conosco é apenas uma: a honestidade de propósitos, o interesse de descobrir e revelar a verdade. Aqui está, sem tirar nem pôr, o que Fernando Cleto revelou ao seu grande público:

OFICIAIS DA FAB foram ao local, imediatamente após o caso, e lá fizeram todas as pesquisas. Posição do sol, distâncias, trajetória do objeto, jogo de luzes e sombras, altitude, tudo foi objeto de estudos que depois, transportados para o papel e comparados com as fotos, determinaram a autenticidade das mesmas. Uma análise minuciosa do relato, das várias possibilidades de fraude, de outros testemunhos surgidas e até mesmo da vida profissional e da personalidade dos repórteres, foi realizada. A conclusão foi positiva.

NA BARRA DA TIJUCA, os oficiais da FAB jogaram uma reprodução em madeira do "disco", para o ar, inúmeras vezes, tentando reproduzir a seqüência de cinco fotografias tais como aparecia no filme de Ed Keffel, cujos negativos não foram cortados. Uma fotografia convincente, por esse processo, é possível obter-se, dentre muitas que se botam. Entretanto, uma seqüência de cinco, em várias posições, é praticamente impossível de ser batida em seguida. Além de tudo, foram determinadas tècnicamente as distâncias do objeto.

O CORONEL João Adil de Oliveira orientou e chefio as pesquisas da Aeronautica a respeito dos "discos"

O CORONEL João Adil de Oliveira orientou e chefio as pesquisas da Aeronautica a respeito dos "discos"

"No dia 7 de maio de 1952, João Martins e Ed Keffel encontravam-se na Barra da Tijuca, com o intuito de fazer uma reportagem de rotina. Às quatro e meia da tarde, inesperadamente, João Martins viu um objeto que vinha no ar em grande velocidade. A princípio pensou que fôsse um avião visto de frente. No entanto, Martins estranhou porque aquilo, se fôsse avião mesmo, estava voando de lado. Exclamou: "Que diabo é aquilo?" Keffel estava com sua máquina Rolleflex a tiracolo e Martins gritou: "Bata, Keffel!" Ed Keffel, com grande habilidade, disparou a sua máquina cinco vezes, no espaço de um "disco voador".

Dezenas de pessoas viram o "disco" naquele dia e comentaram o fato antes de

fotografia serem publicadas. Naquela mesma ocasião, o Adido Militar à Embaixada dos Estados Unidos, junto com oficiais brasileiros, examinou os negativos da sequência e declarou:

- Não tenho a menor dúvida sobre a autenticidade das fotos divulgadas pelos repórteres de "O Cruzeiro".

Na época, acompanhávamos com grande interesse o desenrolar dos acontecimentos, quando mais tarde surgiram testemunhas afirmando ter visto homens jogando para o ar e fotografando um disco, exatamente no mesmo local das fotos de Keffel. Essas declarações vieram estabelecer uma dúvida no nosso espírito. Dúvida que perdurou até o ano de 1954.

Em 1954, o Brigadeiro Eduardo Gomes, então Ministro da Aeronáutica, nomeou o Coronel João Adil de Oliveira para chefiar a primeira "Comissão de Investigadores sobre os Discos Voadores" criada em nosso País. Um dia, recebi um telefonema do Coronel Adil, pessoa que não conhecia. Convidou-me a comparecer ao Estado-Maior da Aeronáutica a fim de prestar alguns esclarecimentos em torno de um fato relacionado com "discos voadores" ocorrido em 1948. Chegando lá, encontrei outros convidados: oficiais da esquadrilha de aviões a jacto da Base Aérea de Gravataí, que falavam sobre dois "discos" que haviam sobrevoado aquela base durante horas seguidas. Um piloto civil, por seu lado, contava que, tendo o seu avião sido seguido por um "disco", modificava seu plano de voo, pousando em São Paulo. Em determinado momento, João Martins e Ed Keffel chegaram ao Estado-Maior, também convidados pelo Cel. Adil.

Naquele dia, ouvi, vi e aprendi muita coisa... Mas o que realmente interessa é que, a certa hora, o Coronel Adil mandou buscar um "dossier". Ao recebê-lo, declarou que ali estava todo o estudo que a FAB havia feito em torno do caso da Barra da Tijuca. Ao abrir o volume, que era enorme, caiu inesperadamente sobre a mesa um disco de madeira. Houve um súbito silêncio naquela sala... Que seria? A FAB teria apurado alguma fraude? O próprio Coronel Adil rompeu o silêncio dizendo mais ou menos o seguinte:

- Você se lembra, Martins, que algumas pessoas declararam ter visto homens jogando um disco para o ar e fotografando? Realmente eles viram este disco que aqui está, mas nós sabemos que não foi jogado por vocês, porque ele foi jogado por nós da FAB, que nos dias seguintes ao fato fomos para o local fazer minuciosos estudos em torno das suas fotografias. Inclusive andamos jogando este disco para o ar, numa tentativa de reproduzir uma sequência como a de vocês.

Sempre tive vontade de contar este fato publicamente e, agora, tendo surgido esta oportunidade procurei o Coronel Adil e por ele fui autorizado a fazê-lo, inclusive me cedendo o modelo de madeira.

ESTA é a ultima foto, com o respectivo grafico, feito pela FAB. Estes graficos são apenas uma pequena parte do estudo feito pelos militares. Fernando Cleto, na televisão, desmacarou os que negam sem conhecimento da matéria criticada. ESTA é a ultima foto, com o respectivo grafico, feito pela FAB. Estes graficos são apenas uma pequena parte do estudo feito pelos militares. Fernando Cleto, na televisão, desmacarou os que negam sem conhecimento da matéria criticada. Em 1952, falava-se do desinteresse da FAB pelo assunto ligado aos "Discos Voadores", o que não era exato. Consegui do Coronel Adil uma pequena parte dos documentos que integram o "dossier" a que já me referi, organizado pela FAB, em 1952. Vou mostrar alguns, dêesses documentos para que os telespectadores se certifiquem do fato. Lembramos porém que eles representam o resultado de um estudo sério destinado ao arquivo da FAB.

Temos aqui um estudo em torno da fotografia n.º 3. O mesmo estudo foi feito para cada fotografia da sequência. este documento mostra estudos relativos a azimute, distância zenital, declinação e ângulo horário. Nas figuras 3 e 4 aparece a trajetória do Sol, posição de onde foram tiradas as fotos e a posição das árvores que aparecem na foto n.º 3. este outro documento foi feito para analisar a foto n.º 1. Nêle vemos estudos de perspectiva onde se verifica a inclinação da

linha de visada com o horizonte, bem como a inclinação do plano do "disco" e ainda a altitude que, no momento da fotografia, era de 490 metros e a distância ao observador, que era de 1.500 metros.

Para melhor entendimento, vamos fazer no quadro-negro uma representação esquemática do que acabamos de dizer, assinalando as posições do observador e do objeto. As posições do objeto são obtidas em face do azimute que a FAB calculou para cada fotografia. E sucessivamente temos: na foto 2° objeto está a 2.000 m de distância e 930 de altitude. Nas fotos 3, 4 e 5, respectivamente a 1.200, 1.100 e 3.000 m de distância e 940, 720 e 580 de altitude. Todos êsses movimentos confirmam exatamente a descrição que dêles fez João Martins, em 1952. E mostram também a impossibilidade de fraude, uma vez que não é exequível jogar um "disco de madeira" nas distâncias registradas.

Outro esclarecimento deve ser dado para explicar a foto n.º 1. Ela sempre representou um entrave na interpretação da seqüência. Nela temos a impressão de ver uma hélice na parte inferior do "disco", enquanto nas demais não existe tal hélice. Pela reconstituição em outro documento do estudo feito pela FAB, verifica-se perfeitamente que o "disco" da foto 1 é o mesmo do resto da seqüência. O que nos dá a falsa impressão de dois planos é apenas um efeito de luz e sombra.

Telespectadores: as críticas feitas em 1952 à Fôrça Aérea Brasileira foram injustas. A FAB examinou o assunto em profundidade.

Quanto à autenticidade das fotografias de Ed Keffele João Martins, como viram, temos suficientes razões para fazer uma afirmativa: elas são verdadeiras".

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The secret of Barra da Tijuca revealed.

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João Martins, Saturday, October 31, 1959

Report by João Martins

The case of the "flying saucer" in Barra da Tijuca is, today, history. For me, personally, it had the merit of awakening my attention to the enigma that continues to challenge humanity. From May of 1952 Since then, I have systematically conducted a cold, rational, and organized investigation to discover what they are, where they come from, how they are propelled, and what the intentions of their possible occupants may be. From time to time, I have published reports or series of reports, in which I bring the results of my efforts to the public's attention. Those who follow these writings of mine are witnesses to the criteria and balance with which I have maintained myself in a subject so easily prone to reckless sensationalism or unbridled fantasy. For this very reason, I have the privilege today of being known and respected by the most well-informed and serious investigators who, in Brazil and in many other countries, are engaged in the objective and honest research of this mystery. For them, the Barra da Tijuca case is one of the so-called "classic cases" in the world chronicle of "flying saucers". The photos taken on that occasion by veteran Ed Keffel, whose long professional life exemplifies honesty, efficiency, and love for his work, are, for the men behind the scenes of this immense international investigation, one of the most precious and reliable documents.

Fernando Cleto, on TV Continental, revealed the studies done by the FAB (Brazilian Air Force) on the "disc" of the Tijuca Beach s1

Fernando Cleto, on TV Continental, revealed the studies done by the FAB (Brazilian Air Force) on the "disc" of the Tijuca s1D bomb site. Alexandre

However, all this does not prevent some from still questioning the authenticity of the aforementioned photographs, either out of simple ignorance of the subject or out of sheer dishonesty. From time to time, when some "flying saucer" case becomes more sensational, there is no shortage of people who, in search of easy publicity, attack Ed Keffel's photos, as if these photos were the only ones that proved the existence of "discs," as if the Barra da Tijuca incident were not just one among thousands of others. Sometimes it's just some photographer who ridiculously throws plates up in the air and declares, in the most basic way, that he too can take pictures of "flying saucers"... Other times it's some almanac-style "scientist" who, desperately seeking to create controversy in order to garner cheap publicity for himself, attacks this reporter, Keffel, and all those who have witnessed or take "flying saucers" seriously, whether they are civilians or military personnel, laypeople or experts, in the crudest and least "scientific" way possible.

Da minha parte, nunca me dei ao trabalho de responder a êsses adversários gratuitos. Tenho seguido, impertubavelmente, no meu caminho, pois de outra forma ficaria enalhado em discussões inúteis que nem ao menos se poderiam manter em plano elevado. Atenho-me a fatos. Apresento fatos aos meus leitores. Se alguém não crê ou se recusa a crer nestes fatos, o problema não é meu. Mesmo que nunca tive a intenção de "converter" ninguém: os "discos voadores" não são, para mim, uma questão de crença, nem uma obsessão. Como repórter, encaro-os como um fascinante assunto jornalístico. Pessoalmente, estou certo da tremenda importância que eles podem ter no decurso da nossa evolução, principalmente nesta época em que damos os primeiros passos rumo ao nosso satélite e aos planetas mais próximos.

Os documentos e o relato que trago hoje aos leitores não têm, portanto, o sentido de defesa ou justificação. A presente publicação representa apenas uma consideração para com todos aqueles (e são a maioria) que formam ao nosso lado. Conhecendo, desde 1954, o estudo feito pela FAB a respeito do caso da Barra da Tijuca, eu poderia tê-lo publicado muito antes, se quisesse colocar-me voluntariamente na posição de réu que se defende, ou de acusado que se justifica. Nunca senti a necessidade de me pôr nessa posição. Tinha a consciência tranqüila e a satisfação íntima de contar com a confiança e a amizade dos que acompanham o assunto, procurando antes, informa-se bastante a respeito, e dos investigadores civis e militares que poderiam, em sua consciência, ter uma opinião a respeito. Para mim e para Keffel, a opinião de um homem como o Cel. Adil de Oliveira sempre valeu mais do que a de cem amigos gratuitos ou a de cem "descrentes" sem base.

O que os leitores vêem nestas páginas e o que vão ler a seguir é o que foi mostrado e dito, na TV Continental, Canal 9, do Rio de Janeiro, na noite de 11 de outubro, por Fernando Cleto, na segunda apresentação do seu programa semanal, já vitorioso, denominado "O Enigma do Espaço". Fernando Cleto é um alto funcionário do Banco do Brasil. Há mais de dez anos que vem investigando os chamados "discos voadores". é um dos pesquisadores civis mais credenciados no Brasil. Conta com a colaboração de investigadores civis e militares, altamente informados a respeito. O que ele revelou, no seu programa, em absoluta primeira mão, e que vai aqui reproduzido, ganha ainda maior valor para nós, quando sabemos que nem ele nem a TV Continental fazem parte dos "Diários Associados". O que vão ler, portanto, é o depoimento de um homem cuja única ligação conosco é apenas uma: a honestidade de propósitos, o interesse de descobrir e revelar a verdade. Aqui está, sem tirar nem pôr, o que Fernando Cleto revelou ao seu grande público:

OFICIAIS DA FAB foram ao local, imediatamente após o caso, e lá fizeram todas as pesquisas. Posição do sol, distâncias, trajetória do objeto, jogo de luzes e sombras, altitude, tudo foi objeto de estudos que depois, transportados para o papel e comparados com as fotos, determinaram a autenticidade das mesmas. Uma análise minuciosa do relato, das várias possibilidades de fraude, de outros testemunhos surgidas e até mesmo da vida profissional e da personalidade dos repórteres, foi realizada. A conclusão foi positiva.



NA BARRA DA TIJUCA, os oficiais da FAB jogaram uma reprodução em madeira do "disco", para o ar, inúmeras vezes, tentando reproduzir a seqüência de cinco fotografias tais como aparecia no filme de Ed Keffel, cujos negativos não foram cortados. Uma fotografia convincente, por êsse processo, é possível obter-se, dentre muitas que se botam. Entretanto, uma seqüência de cinco, em várias posições, é praticamente impossível de ser batida em seguida. Além de tudo, foram determinadas tecnicamente as distâncias do objeto.

O CORONEL João Adil de Oliveira orientou e chefio as pesquisas da Aeronautica a respeito dos "discos"

Colonel João Adil de Oliveira guided and led the Aeronautics research regarding the "discs".

"No dia 7 de maio de 1952, João Martins e Ed Keffel encontravam-se na Barra da Tijuca, com o intuito de fazer uma reportagem de rotina. às quatro e meia da tarde, inesperadamente, João Martins viu um objeto que vinha no ar em grande velocidade. A princípio pensou que fôsse um avião visto de frente. No entanto, Martins estranhou porque aquilo, se fôsse avião mesmo, estava voando de lado. Exclamou: "Que diabo é aquilo?" Keffel estava com sua máquina Rollefex a tiracolo e Martins gritou: "Bata, Keffel!" Ed Keffel, com grande habilidade, disparou a sua máquina cinco vezes, no espaço de um "disco voador".

Dezenas de pessoas viram o "disco" naquele dia e comentaram o fato antes de fotografia serem publicadas. Naquela mesma ocasião, o Adido Militar à Embaixada dos Estados Unidos, junto com oficiais brasileiros, examinou os negativos da seqüência e declarou:

- Não tenho a menor dúvida sôbre a autenticidade das fotos divulgadas pelos repórteres de "O Cruzeiro".

Na época, acompanhávamos com grande interêsse o desenrolar dos acontecimentos, quando mais tarde surgiram testemunhas afirmando ter visto homens jogando para o ar e fotografando um disco, exatamente no mesmo local das fotos de Keffel. Essas declarações vieram estabelecer uma dúvida no nosso espírito. Dúvida que perdurou até o ano de 1954.

Em 1954, o Brigadeiro Eduardo Gomes, então Ministro da Aeronáutica, nomeou o Coronel João Adil de Oliveira para chefiar a primeira "Comissão de Investigadores sôbre os Discos Voadores" criada em nosso País. Um dia, recebi um telefonema do Coronel Adil, pessoa que não conhecia. Convidou-me a comparecer ao Estado-Maior da Aeronáutica a fim de prestar alguns esclarecimentos em tôrno de um fato relacionado com "discos voadores" ocorrido em 1948. Chegando lá, encontrei outros convidados: oficiais da esquadrilha de aviões a jacto da Base Aérea de Gravataí, que falavam sôbre dois "discos" que haviam sobrevoado aquela base durante horas seguidas. Um piloto civil, por seu lado, contava que, tendo o seu avião sido seguido por um "disco", modificava seu plano de vôo, pousando em São Paulo. Em determinado momento, João Martins e Ed Keffel chegaram ao Estado-Maior, também convidados pelo Cel. Adil.

Naquele dia, ouvi, vi e aprendi muita coisa... Mas o que realmente interessa é que, a certa hora, o Coronel Adil mandou buscar um "dossier". Ao recebê-lo, declarou que ali estava todo o estudo que a FAB havia feito em tôrno do caso da Barra da Tijuca. Ao abrir o volume, que era enorme, caiu inesperadamente sôbre a mesa um disco de madeira. Houve um súbito silêncio naquela sala... Que seria? A FAB teria apurado alguma fraude? O próprio Coronel Adil rompeu o silêncio dizendo mais ou menos o seguinte:

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This is the last photo, with its respective graph, made by the FAB (Brazilian Air Force). These graphs are only a small part of the study done by the military. Fernando Cleto, on television, exposed those who deny the matter without knowledge of it.

Em 1952, falava-se do desinterêsse da FAB pelo assunto ligado aos "Discos Voadores", o que não era exato. Consegui do Coronel Adil uma pequena parte dos documentos que integram o "dossier" a que já me referi, organizado pela FAB, em 1952. Vou mostrar alguns, dêsses documentos para que os telespectadores se certifiquem do fato. Lembramos porém que êles representam o resultado de um estudo sério destinado ao arquivo da FAB.

Here we have a study concerning photograph no. 3. The same study was done for each photograph in the sequence. This document shows studies relating to azimuth, zenith distance, declination, and hour angle. Figures 3 and 4 show the path of the Sun, the position from which the photos were taken, and the position of the trees that appear in photo no. 3. This other document was made to analyze photo no. 1. In it, we see perspective studies where the inclination of the line of sight with the horizon is verified, as well as the inclination of the plane of the "disk," and also the altitude, which at the time of the photograph was 490 meters, and the distance to the observer, which was 1,500 meters.

For better understanding, let's make a schematic representation on the blackboard of what we have just said, marking the positions of the observer and the object. The object's positions are obtained based on the azimuth that the FAB (Brazilian Air Force) calculated for each photograph. And successively we have: in photo 2, the object is 2,000 m away and 930 m above sea level. In photos 3, 4, and 5, respectively, it is 1,200, 1,100, and 3,000 m away and 940, 720, and 580 m above sea level. All these movements confirm exactly the description that João Marins made of them in 1952. And they also show the impossibility of fraud, since it is not feasible to throw a "wooden disc" at the recorded distances.

Another clarification must be given to explain photo number 1. It has always represented an obstacle in the interpretation of the sequence. In it, we have the impression of seeing a propeller on the lower part of the "disc," while in the others there is no such propeller. By the reconstruction in another document of the study done by the FAB (Brazilian Air Force), it is perfectly verified that the "disc" in photo 1 is the same as the rest of the sequence. What gives us the false impression of two planes is merely an effect of light and shadow.

Viewers: the criticisms made in 1952 against the Brazilian Air Force were unfair. The FAB examined the matter in depth.

Regarding the authenticity of the photographs by Ed Keffel and João Martins, as you have seen, we have sufficient reason to make one statement: they are genuine .

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Original text

para cá, tenho sistematicamente levado a efeito uma investigação fria, racional e organizada no sentido de descobrir o que são êles, de onde vêm, como são propulsionados e que intuitos têm os seus possíveis tripulantes. De tempo a tempos, tenho publicado reportagens ou séries de reportagem, nas quais levo ao conhecimento do público o resultado dos meus esforços. Os que acompanham êstes meus escritos, são testemunhas do critério e do equilíbrio em que tenho me

mantido num assunto tão fácil de descambar para o sensacionalismo inconseqüente ou para a fantasia desbragada. Por isso mesmo. tenho hoje o privilégio de ser conhecido e acatado pelos investigadores mais bem informados e mais sérios que, no Brasil e em muitos outros países estão empenhados na pesquisa objetiva e honesta dêste mistério. Para êsses, o caso da Barra da Tijuca é um dos chamados "casos clássicos" da crônica mundial dos "discos voadores". As fotos tiradas naquela ocasião pelo veterano Ed Keffel, cuja longa vida profissional representa um exemplo de honestidade, eficiência e amor ao seu trabalho, são, para os homens que se encontram nos bastidores desta imensa investigação internacional, um dos documentos mais preciosos e fidedignos.

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Barra da Tijuca Photos

Brazil

May 7, 1952

Cropped and enlarged image from Photo #4

Of all photographs of alleged UFOs, the Barra da Tijuca series is considered by the Aerial Phenomena Research Organization (APRO) to be "one of the best (and possibly the best) on record." However, the authenticity of the photos has been challenged; and some photo analysts suspect a hoax.

The five pictures were taken by press photographer Ed Keffel, while in the company of reporter Joao Martins (according to their statements), and first published by O Cruzeiro magazine in its May 24, 1952, issue. It is claimed that the photos were actually taken on the seventh of that month, when a UFO -- a flying disk - was allegedly spotted in the vicinity of Barra da Tijuca, Brazil.

Photographs #1 thru #5. Click on link for full image.

Photo #1

Photo #2

Photo #3

Photo #4

Photo #5

Photos Cropped & Enlarged

Photo #1

Photo #2

Photo #3

Photo #4

Photo #5

The Brazilian Air Force conducted an investigation and released a positive statement that the photos were genuine. However, their report was not released to the public until 1959. It was first publicized by Fernando Cleto, an official of the Bank of Brazil, through a television program called "The Enigma of Space." Mr. Cleto had carried on a quiet investigation of UFOs for years and received the cooperation of the Brazilian "Investigation Commission on Flying Saucers", organized by the Brazilian Air Force under the command of Colonel Joao Adil de Oliveira.

According to Mr. Cleto:

On May 7, 1952, Joao Martins and Ed Keffel went to the place called Barra da Tijuca to do a routine job for their magazine. At 4:30 P.M., Martins suddenly spotted an object approaching in the air at high speed. He thought at first it was an airplane he was facing [see photo #1]. It looked like an airplane. There was still something strange, Martins realized. That "plane" was flying sideways.

He shouted: "What the devil is that?" Keffel had his Rollei-flex at hand and Martins yelled: "Shoot, Keffel!" Ed Keffel grabbed his loaded camera and got five pictures in about sixty seconds, thus obtaining the most sensational photographic sequence of a flying disk. The following is a personal statement written by Mr. Martins, which was also endorsed and cosigned by Mr. Keffel:

I herewith confirm that in May 1952, I saw an "unidentified aerial object" at Barra da Tijuca, as was published, with every detail, in the review [magazine] O Cruzeiro at the time. Together with me was the photographer-reporter Ed Keffel, an exemplary professional, well-succeeded and well-respected for his honesty and seriousness, who obtained a series of photos of the above-referred object. These photos were also published by the above-mentioned review, for which both of us worked at the time.

Besides being a journalist, I am also an engineer; and I also have a large experience and knowledge of meteorological, astronomical, and optical phenomena. I have experience of all known types of aircraft and can state that the referred object cannot be framed in any natural phenomena or aircraft of my knowledge.

Neither I nor Ed Keffel tried to derive any financial profit from the fact. We were at the time exclusively contracted by that review [O Cruzeiro], and there we handed in our report and the photos, without receiving any extra bonus for either. Neither did we receive-nor did we wish to-any payment from anybody, either for the account or for the photos or for the appearances we were practically obliged to make on different occasions on television.. I narrated the fact in free talks to military authorities and university auditoriums.

I do not know what that object was, and because of this, I classified it in the category of "unidentified flying object", commonly called a "flying saucer." The incident, besides the annoyances it entailed, contrived to call my attention on the subject as an only advantage, and consequently I have done research on the subject with the greatest detachment, both in sightings here in Brazil and abroad. . .

As to the position of the Sun and the shadows on the foliage, as seen in one of the photos of Barra da Tijuca, it is easy to confirm them. One need only go there; and it is easy to reach the spot, at the same hour and time of year corresponding to the fact. This, in fact, has already been done, back in 1952, by technicians of the Brazilian Air Force, as was later divulged in detail by researcher Cleto Nunes by means of TV and the Press.

Criticism, denial of the facts, or discussions by whoever does not know the subject or knows it from a distance or through reading third-hand publications, that are usually incorrect, can only be due to intolerance or dishonesty of purpose. As to me, I ignore them, for I am a professional who does not base his career on that report, nor have I the time to lose in sterile debates. I reported merely what I saw and whatever I had to say has been said.

Skeptics contend that in photo # 4 (see enlargement) the shadows on the foliage indicate lighting from the right, while the light on the object seems to come from the left. Jim Lorenzen, director of APRO, disputes this finding by stating: "To shine from the right, the Sun would have to shine from the southwest quadrant of the sky- a thing that it never does in that part of Brazil. Moreover, the growth on the hillside is complex; and generally no clear object-and-shadow pattern exists."

The inconsistency of shadows was first noted in the literature by Donald Menzel and Lyle Boyd in their book The World of Flying Saucers (1963); this finding was endorsed by William K. Hartmann, who later analyzed the photos for the University of Colorado UFO Project. Hartmann stated: "This case is presented as an example of photographs which have been described as incontrovertible evidence of flying saucers, yet which contain a simple and obvious internal inconsistency."

Source: Ronald Story's The Encyclopedia of UFOs, pages 41-45.

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Denmark releases UFO archives

COPENHAGEN, Denmark, Jan. 30 (UPI) -- The Danish Air Force has released 329 pages of previously classified archives on UFO sightings, including details on more than 200 unsolved cases.

Capt. Thomas Pedersen said the military released the documents after growing weary of journalists asking questions about them, the Copenhagen Post reported Friday.

"We decided to publish the archives because frankly there is nothing really secret in them," Pedersen said. "The Air Force has no interest in keeping unusual sightings a secret. Our job is to maintain national security, not investigate UFOs."

The Air Force said the archives contain details of unexplained events occurring between 1978 and 2002, before the job of chronicling UFO sightings went to a group called Scandinavian UFO Information.

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9-1-1 lottery numbers earn top prizes for 5,151 tickets in N.C.

Dec. 29 (UPI) -- The North Carolina Education Lottery announced a Pick 3 drawing resulted in 5,151 tickets bearing the numbers 9-1-1 winning top prizes.

Hedgehog rescued from underground storm tank in England

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Hedgehog rescued from underground storm tank in England

Dec. 29 (UPI) -- A pair of workers for Britain's South West Water were conducting a site inspection at an underground storm tank and ended up rescuing a hedgehog.

Connecticut firefighters rescue deer stranded on frozen lake

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Connecticut firefighters rescue deer stranded on frozen lake

Dec. 29 (UPI) -- Firefighters in Connecticut used an inflatable boat to rescue a deer that wandered out onto the ice of a frozen lake and was unable to stand up.

New York firefighters rescue squirrel stuck in dumpster

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New York firefighters rescue squirrel stuck in dumpster

Dec. 29 (UPI) -- Firefighters in New York conducted a unique rescue when a squirrel was found trapped in a dumpster, with its head stuck through a drain hole.

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Dmitry Medvedev muses on aliens and Vladimir Putin's lateness

Father Christmas, aliens, President Vladimir Putin's lateness and police "jerks" - Dmitry Medvedev, Russia's prime minister, gave the nation his views on more than he intended on Friday.

Dmitry Medvedev, the Russian prime minister, is not ruling out a return to the Kremlin after his single term as president, but claims he is happy working under mentor Vladimir Putin.

Dmitry Medvedev, the Russian prime minister Photo: AP

6:00AM GMT 08 Dec 2012Comments25 Comments

Mr Medvedev let his guard down after an interview with five Russian television stations when he failed to realise the cameras were still rolling.

"I believe in Father Frost. But not too deeply. But anyway, you know, I'm not one of those people who are able to tell the kids that Father Frost does not exist," he said in a jovial reply to a question about Russia's equivalent of Santa Claus.

He went on to make an unflattering allusion to Putin's frequent lateness for meetings.

"Colleagues, somebody should be extremely punctual, while somebody else is exhausting all the limits for being late," he said, smiling wryly on a day when his mentor was more than an hour late for an event in southern Russia.

The comments touched off satire on the internet which is unlikely to help Mr Medvedev, whose star has waned since Mr Putin took over from him as president in May after a four-year interval.

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In the interview itself, Mr Medvedev underlined his allegiance to Mr Putin and appeared determined to show he is in step with his ally to dismiss rumours he is about to be fired.

Mr Medvedev defended Kremlin-backed laws which critics say will be used to stifle dissent and which appear out of sync with the prime minister's relatively liberal image.

But in the off-air comments, he was less guarded.

When one of the five journalists who interviewed him complained about federal investigators arriving to search the home of a witness in an inquiry early in the morning, Mr Medvedev told the journalist not to worry before stepping out of shot.

But his microphone was still switched on when he said casually: "They are just jerks, so they come at eight in the morning. It's just their set of habits. I know many people who work in the police. They think if they come at seven in the morning they will get everything in the world."

Another of the journalists asked whether the president is handed secret files on aliens when receiving the briefcase needed to activate Russia's nuclear arsenal.

"Along with the briefcase with nuclear codes, the president of the country is given a special 'top secret' folder. This folder in its entirety contains information about aliens who visited our planet," Mr Medvedev answered playfully.

"Along with this, you are given a report of the absolutely secret special service that exercises control over aliens on the territory of our country ... More detailed information on this topic you can get from a well-known movie called 'Men In Black' ... I will not tell you how many of them are among us because it may cause panic," he says.

None of the television stations that interviewed Mr Medvedev broadcast the off-air comments, but they were delivered to Reuters as a pool signal and some were shown on YouTube.

Mr Medvedev's standing has declined since he and Putin announced in September last year that the former KGB spy planned to return to the presidency, ending speculation his protege could stay on.

They worked jointly in St Petersburg in the 1990s and it was Mr Putin who ushered Mr Medvedev, now 47, in to power in 2008.

But some political analysts give Mr Medvedev only until March or April as prime minister, citing turf wars between rival interest groups.

Even during the interview itself, Mr Medvedev answered some unusual questions. Asked whether he believed the world would end on Dec. 21 under a New Age prophecy, he said no.

He said he might have another tilt at the presidency if the Russian people want it. But he won little acclaim on the internet.

"It's sad when the former president and current prime minister of your country is simply a pathetic person," Yekaterina Kudinova wrote on Twitter.

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A masked demonstrator attends a protest in support of the members of Russian punk group Pussy Riot outside the Russian embassy in Berlin

Pussy Riot demonstrations

Russian President Vladimir Putin taking part in the 4th period of the gala match between the Amateur Hockey League (RLHL) and 'Legends of Russia' teams in the Palace of Sports 'Megasport' in Moscow, Russia, late 07 May 2012. Putin was sworn in for a third term as Russia's president on 07 May.

Putin takes on ice hockey pros

Hunting, shooting and fishing with Vladimir Putin, Russia's man of action and president

In pictures: Russia's man of action

Russian Prime Minister rides with members of the

Vladimir Putin rides a Harley

Wearing a wetsuit and showing off his scuba diving skills while collecting ancient artefacts from the bottom of the Black Sea, Vladimir Putin continues to portray an action man image to the Russian public.

Putin scuba dives in Black Sea

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(Getty Images/A. Foster)

[Intelligence Officials Say U.S. Has Retrieved Craft of Non-Human Origin](#)  
Leslie Kean and Ralph Blumenthal · June 5, 2023

A former intelligence official turned whistleblower has given Congress and the Intelligence Community Inspector General extensive classified information about deeply covert programs that he says possess retrieved intact and partially

intact craft of non-human origin.

The information, he says, has been illegally withheld from Congress, and he filed a complaint alleging that he suffered illegal retaliation for his confidential disclosures, reported here for the first time.

Other intelligence officials, both active and retired, with knowledge of these programs through their work in various agencies, have independently provided similar, corroborating information, both on and off the record.

The whistleblower, David Charles Grusch, 36, a decorated former combat officer in Afghanistan, is a veteran of the National Geospatial-Intelligence Agency (NGA) and the National Reconnaissance Office (NRO). He served as the reconnaissance office's representative to the Unidentified Aerial Phenomena Task Force from 2019-2021. From late 2021 to July 2022, he was the NGA's co-lead for UAP analysis and its representative to the task force.

David Charles Grusch (Copyright © D. Grusch. Image may not be reproduced or circulated without permission of the authors).

The task force was established to investigate what were once called "unidentified flying objects," or UFOs, and are now officially called "unidentified anomalous phenomena," or UAP. The task force was led by the Department of the Navy under the Office of the Under Secretary of Defense for Intelligence and Security. It has since been reorganized and expanded into the All-Domain Anomaly Resolution Office to include investigations of objects operating underwater.

Grusch said the recoveries of partial fragments through and up to intact vehicles have been made for decades through the present day by the government, its allies, and defense contractors. Analysis has determined that the objects retrieved are "of exotic origin (non-human intelligence, whether extraterrestrial or unknown origin) based on the vehicle morphologies and material science testing and the possession of unique atomic arrangements and radiological signatures," he said.

In filing his complaint, Grusch is represented by a lawyer who served as the original Intelligence Community Inspector General (ICIG).

"We are not talking about prosaic origins or identities," Grusch said, referencing information he provided Congress and the current ICIG. "The material includes intact and partially intact vehicles."

In accordance with protocols, Grusch provided the Defense Office of Prepublication and Security Review at the Department of Defense with the information he intended to disclose to us. His on-the-record statements were all "cleared for open publication" on April 4 and 6, 2023, in documents provided to us.

Grusch's disclosures, and those of non-public witnesses, under new protective provisions of the latest defense appropriations bill, signal a growing determination by some in the government to unravel a colossal enigma with national security implications that has bedeviled the military and tantalized the public going back to World War II and beyond. For many decades, the Air Force carried out a disinformation campaign to discredit reported sightings of unexplained objects. Now, with two public hearings and many classified briefings under its belt, Congress is pressing for answers.

Karl E. Nell, a recently retired Army Colonel and current aerospace executive who was the Army's liaison for the UAP Task Force from 2021 to 2022 and worked with Grusch there, characterizes Grusch as "beyond reproach."

Karl E. Nell

Karl E. Nell (Credit: Department of the Army)

Christopher Mellon, who spent nearly twenty years in the U.S. Intelligence Community and served as the Deputy Assistant Secretary of Defense for Intelligence, has worked with Congress for years on unidentified aerial phenomena.

"A number of well-placed current and former officials have shared detailed information with me regarding this alleged program, including insights into the history, governing documents and the location where a craft was allegedly abandoned and recovered," Mellon said. "However, it is a delicate matter getting this potentially explosive information into the right hands for validation. This is made harder by the fact that, rightly or wrongly, a number of potential sources do not trust the leadership of the All-Domain Anomaly Resolution Office established by Congress."

But some insiders are now willing to take the risk of coming forward for the first time with knowledge of these recovery programs.

Jonathan Grey is a generational officer of the United States Intelligence Community with a Top-Secret Clearance who currently works for the National Air and Space Intelligence Center (NASIC), where the analysis of UAP has been his focus. Previously he had experience serving Private Aerospace and Department of Defense Special Directive Task Forces.

"The non-human intelligence phenomenon is real. We are not alone," Grey said. "Retrievals of this kind are not limited to the United States. This is a global phenomenon, and yet a global solution continues to elude us."

At the National Geospatial-Intelligence Agency, Grusch served as a Senior Intelligence Capabilities Integration Officer, cleared at the Top Secret/Secret Compartmented Information level, and was the agency's Senior Technical Advisor for Unidentified Aerial Phenomena analysis/Trans-Medium Issues. From 2016 to 2021, he served with the National Reconnaissance Office as Senior Intelligence Officer and led the production of the NRO director's daily briefing. Grusch was a GS-15 civilian, the military equivalent of a Colonel.

Grusch has served as an Intelligence Officer for over fourteen years. A veteran of the Air Force, he has numerous awards and decorations for his participation in covert and clandestine operations to advance American security.

David Grusch

David Grusch in Afghanistan, 2013 (Copyright © D. Grusch. Image may not be reproduced or circulated without permission of the authors).

According to a 2021 NRO Performance Report, Grusch was an intelligence strategist with multiple responsibilities who "analyzed unidentified aerial phenomena reports" and "boosted congressional leadership Intel gaps [in] understanding." He was assessed by the reconnaissance office's Operations Center Deputy Director as an "adept staff officer and strategist" and "total force integrator with innovative solutions and actionable results."

Grusch prepared many briefs on unidentified aerial phenomena for Congress while in government and helped draft the language on UAP for the FY2023 National Defense Authorization Act, spearheaded by Senators Kirsten Gillibrand and Marco Rubio and signed into law by President Biden in December 2022. The provision states that any person with relevant UAP information can inform Congress without retaliation, regardless of any previous non-disclosure agreements.

In his statements cleared for publication by the Pentagon in April, Grusch asserted that UFO "legacy programs" have long been concealed within "multiple agencies nesting UAP activities in conventional secret access programs without appropriate reporting to various oversight authorities."

He said he reported to Congress on the existence of a decades-long "publicly unknown Cold War for recovered and exploited physical material – a competition with near-peer adversaries over the years to identify UAP crashes/landings and

retrieve the material for exploitation/reverse engineering to garner asymmetric national defense advantages."

Beginning in 2022, Grusch provided Congress with hours of recorded classified information transcribed into hundreds of pages which included specific data about the materials recovery program. Congress has not been provided with any physical materials related to wreckage or other non-human objects.

Grusch's investigation was centered on extensive interviews with high-level intelligence officials, some of whom are directly involved with the program. He says the operation was illegally shielded from proper Congressional oversight and that he was targeted and harassed because of his investigation.

Grusch said that the craft recovery operations are ongoing at various levels of activity and that he knows the specific individuals, current and former, who are involved.

"Individuals on these UAP programs approached me in my official capacity and disclosed their concerns regarding a multitude of wrongdoings, such as illegal contracting against the Federal Acquisition Regulations and other criminality and the suppression of information across a qualified industrial base and academia," he stated.

Associates who vouched for Grusch said his information was highly sensitive, providing evidence that materials from objects of non-human origin are in the possession of highly secret black programs. Although locations, program names, and other specific data remain classified, the Inspector General and intelligence committee staff were provided with these details. Several current members of the recovery program spoke to the Inspector General's office and corroborated the information Grusch had provided for the classified complaint.

Grusch left the government on April 7, 2023, in order, he said, to advance government accountability through public awareness. He remains well-supported within intelligence circles, and numerous sources have vouched for his credibility.

"His assertion concerning the existence of a terrestrial arms race occurring sub-rosa over the past eighty years focused on reverse engineering technologies of unknown origin is fundamentally correct, as is the indisputable realization that at least some of these technologies of unknown origin derive from non-human intelligence," said Karl Nell, the retired Army Colonel who worked with Grusch on the UAP Task Force.

In a 2022 performance evaluation, Laura A. Potter, Deputy Chief of Staff for Intelligence, Headquarters, Department of the Army, described Nell as "an officer with the strongest possible moral compass."

Grusch is represented by Charles McCullough III, senior partner of the Compass Rose Legal Group in Washington and the original Inspector General of the Intelligence Community, confirmed by the U.S. Senate in 2011. At that time, McCullough reported directly to the then-Director of National Intelligence, James R. Clapper, and oversaw intelligence officers responsible for audits, inspections, and investigations.

In May 2022, McCullough filed a Disclosure of Urgent Concern(s); Complaint of Reprisal on behalf of Grusch with the ICIG about detailed information that Grusch had gathered beginning in 2019 while working for the UAP Task Force.

An unclassified version of the complaint provided to us states that Grusch has direct knowledge that UAP-related classified information has been withheld and/or concealed from Congress by "elements" of the intelligence community "to

purposely and intentionally thwart legitimate Congressional oversight of the UAP Program." All testimony Grusch provided for the classified complaint was provided under oath.

According to the unclassified complaint, in July 2021, Grusch had confidentially provided classified information to the Department of Defense Inspector General concerning the withholding of UAP-related information from Congress. He believed that his identity, and the fact that he had provided testimony, were disclosed "to individuals and/or entities" within the Department of Defense and the Intelligence Community outside the IG's office. He did not allege that this information was improperly disclosed by any member of that office.

As a result, Grusch suffered months of retaliation and reprisals related to these disclosures beginning in 2021. He asked that details of these reprisals be withheld to protect the integrity of the ongoing investigation.

The Intelligence Community Inspector General found his complaint "credible and urgent" in July 2022. According to Grusch, a summary was immediately submitted to the Director of National Intelligence, Avril Haines; the Senate Select Committee on Intelligence; and the House Permanent Select Committee on Intelligence.

The complaint was drafted and signed by McCullough and his managing partner. It ended with Grusch's signature attached to his statement that "I do solemnly affirm under the penalties of perjury that the contents of the foregoing paper are true and correct to the best of my knowledge."

A whistleblower reprisal investigation was launched, and Grusch began his communication with the staff of the Congressional intelligence committees in private closed-door sessions. According to Grusch, certain information which he obtained in his investigation could not be put before Congressional staffers because they did not have the necessary clearances or the appropriate investigative authority.

A representative of the House Permanent Select Committee on Intelligence told us in March that the committee members are not able to comment on the content of a complaint or confirm the identity of a complainant.

"When you have multiple agencies nesting UAP activities in conventional SAP/CAP programs, both as recipients of exploitation-related insights and for operational reasons, without appropriate reporting to various oversight authorities, you have a problem," Grusch said, referencing the highly secret Special Access Programs and Controlled Access Programs.

Grusch's willingness to take risks and speak out appears to be emboldening others with similar knowledge who believe in greater transparency.

Jonathan Grey, the intelligence officer specializing in UAP analysis at the National Air and Space Intelligence Center, is speaking publicly for the first time, identified here under the identity he uses inside the agency.

NASIC, headquartered at Wright Patterson Air Force Base, is the Department of Defense's primary Air Force source for foreign air and space threat analysis. Its mission is to "discover and characterize air, space, missile, and cyber threats," according to the agency's website. "The center's team of trusted subject matter experts deliver unique collection, exploitation, and analytic capabilities not found elsewhere," the website states.

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Grey said that such immense capabilities are not merely relegated to the study of the prosaic. "The existence of complex historical programs involving the

coordinated retrieval and study of exotic materials, dating back to the early 20th century, should no longer remain a secret," he said. "The majority of retrieved, foreign exotic materials have a prosaic terrestrial explanation and origin – but not all, and any number higher than zero in this category represents an undeniably significant statistical percentage."

#### NASIC

National Air and Space Intelligence Center headquarters at Wright Patterson Air Force Base (Image Credit: NASIC/Facebook).

It is unusual for an Air Force insider to come forward, as the Air Force has been less forthcoming than other agencies with regard to UAP.

"A vast array of our most sophisticated sensors, including space-based platforms, have been utilized by different agencies, typically in triplicate, to observe and accurately identify the out-of-this-world nature, performance, and design of these anomalous machines, which are then determined not to be of earthly origin," Grey said.

Mellon, the former Deputy Assistant Secretary of Defense for Intelligence, has been instrumental in arranging classified briefings for members of Congress and other officials about UAP, which include references to exotic retrieved materials. The first briefing he facilitated on retrievals of unexplained objects was provided to staff members of the Senate Armed Services Committee on Oct. 21, 2019, and to staff members of the Senate Intelligence Committee two days later, as reported by The New York Times.

#### Chris Mellon

Former Deputy Assistant Secretary of Defense for Intelligence Christopher Mellon (Credit: C. Mellon).

Mellon says that once the members of Congress gain greater awareness of the information provided to their staff and the Inspector General, they will be in a position to quickly determine the truth if they have the will to do so.

"This is an unprecedented oversight challenge for the committees, but I believe we have leaders in Congress who are up to the task," Mellon said.

Classified briefings are often presented for Jonathan Grey and his team at NASIC. "High-level, classified briefing materials exist in which real-world scenarios involving UAP, as evidenced by historical examples, are made available to Intelligence Personnel on a need-to-know basis," he told us. "I have been the recipient of such briefings for almost a decade."

The National Defense Authorization Act for FY2023 tasked the Secretary of Defense, in consultation with the Director of National Intelligence, with establishing for the first time a secure mechanism for the authorized reporting of sensitive information to defense channels.

In addition, the legislation asks for reporting on "material retrieval, material analysis, reverse engineering, research, and development" involving unidentified anomalous phenomena currently and going back decades.

Dr. Garry Nolan, a Professor in the Department of Pathology at Stanford University and a renowned inventor and entrepreneur with more than three hundred published papers, has started over half a dozen companies based on technologies out of his laboratory. Nolan has previously applied some of those technologies to the analysis of exotic materials, publishing the first peer-reviewed paper examining such materials.

#### Garry Nolan

Stanford professor Garry Nolan (Credit: Timothy Archibald)

"Human civilization was utterly transformed by something as small as a grain of silicon or germanium—creating the underpinning of the integrated circuits that underly computation and now even artificial intelligence," Nolan said.

Studying even small samples of purported anomalous material could lead to currently inconceivable benefits for humanity, he said. "What might be represented here could be hundreds of technology revolutions ahead of us. It could be more transformative for humanity than what the microprocessor accomplished. Imagine what we could do with even a grain of knowledge about how they operate."

To encourage potential witnesses to come forward, the whistleblower legislation forbids any federal employee from retaliating against anyone providing authorized disclosure.

"Whistleblowing is essential to the checks and balances of our government – and no federal employee should feel discouraged from stepping forward due to fear of retaliation," Rep. Andre Carson told us. In May 2022, Carson presided over the first open Congressional hearing on UAP since 1968.

The case of David Grusch marks a crucial test of these new whistleblower protections and their ability to protect future whistleblowers who decide to come forward.

Jonathan Grey says secrets have been necessary. "Though a tough nut to crack, potential technological advancements may be gleaned from non-human intelligence/UAP retrievals by any sufficiently advanced nation and then used to wage asymmetrical warfare, so, therefore, some secrecy must remain," he says. "However, it is no longer necessary to continue to deny that these advanced technologies derived from non-human intelligence exist at all or to deny that these technologies have landed, crashed, or fallen into the hands of human beings."

Grey noted that the hypothesis that the United States alone has bullied the other nations into maintaining this secrecy for nearly a century continues to prevail as the primary consensus amongst the public at large. "My hope is to dissuade the global populace from this archaic and preposterous notion, and to potentially pave the way for a much broader discussion," he said.

Grusch said it was dangerous for this "eighty-year arms race" to continue in secrecy because it "further inhibits the world populace to be prepared for an unexpected, non-human intelligence contact scenario."

"I hope this revelation serves as an ontological shock sociologically and provides a generally uniting issue for nations of the world to re-assess their priorities," Grusch said.

Leslie Kean and Ralph Blumenthal, with Helene Cooper, co-authored the Dec. 17, 2017, front-page article in The New York Times that disclosed the existence of a secret Pentagon program investigating UAP.

Tim McMillan, Micah Hanks, Craig Labadie, and Sean Munger contributed to this article.

Additional background details on this article, and our investigative process can be found [here](#).

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Former Head of U.S. Government UFO Program Confirms Government Possesses  
Advanced Craft of Unknown Origin

Written by Christopher Sharp - 17 October 2023

In a new interview, Dr. James Lacatski, who headed a prior U.S. government  
investigation into Unidentified Anomalous Phenomena (UAP), affirmed that the  
U.S. government possesses a craft of unknown origin and has access to its  
interior.

A newly released book co-authored by Lacatski, who led the Advanced Aerospace  
Weapon System Applications Program (AAWSAP), dedicated to the study of UAP,  
reveals:

'At the conclusion of a 2011 meeting in the Capitol building with a U.S. Senator  
and an agency Under Secretary, Lacatski, the only one of this book's authors  
present, posed a question. He stated that the United States was in possession of  
a craft of unknown origin and had successfully gained access to its interior.

'This craft had a streamlined configuration suitable for aerodynamic flight but  
no intakes, exhaust, wings, or control surfaces. In fact, it appeared not to  
have an engine, fuel tanks, or fuel. Lacatski asked: What was the purpose of  
this craft? Was it a life-support craft useful only for atmospheric reentry or  
what? If it was a spacecraft, then how did it operate?'

Speaking about the above passage within the book, Lacatski confirmed:

"What's in the book is an exact statement of the event that occurred in the congressional facility."

Corbell put the following question to Lacatski:

"You told us because you were allowed to tell us that our government has a UFO in its possession and has been able to access the inside of it, right?"

Lacatski responded:

"Yes, I was allowed to tell you."

The U.S. Capitol Building, where the meeting took place. Photo by PartTime Portraits on Unsplash

Lacatski, a respected rocket scientist who worked for the Defense Intelligence Agency (DIA), was interviewed by investigative journalists George Knapp and Jeremy Corbell on the WEAPONIZED podcast.

The book, 'Inside the U.S. Government Covert UFO Program: Initial Revelations,' was authored by Dr. Lacatski, George Knapp, and Dr. Colm Kelleher, who worked alongside Lacatski within AAWSAP.

When asked by Corbell whether he had entered the craft described within the book, Lacatski responded, "I can't answer that."

Later in the interview, Corbell offered Lacatski an opportunity to dispute the implication that he had seen and stepped inside the craft; Lacatski declined the offer.

Referring to the meeting with a Senator described in the book as having taken place within the United States Capitol building in Washington, D.C., Lacatski said:

"There was more to it. Considerably more to that discussion about what the situation was."

When pressed to speak further about the meeting, Lacatski declined, stating he would go no further than what was approved in the book by the Department of Defense (DoD), citing fears that it would provide information to U.S. enemies:

"We are surrounded, but hopefully not so, by our enemies."

He added:

"You can be sure they're listening to this show right now."

Another reason for the secrecy Lacatski cited was that he wished to follow the rules:

"We follow the rules, and there's a good reason. A good reason to follow."

He was unable to provide any answer as to what that reason was, although Lacatski claimed that he saw no dark reason to conceal the truth.

In fact, Lacatski asserted that there is no reason for humanity to fear potential non-human intelligence, provided that the human species discovers its full capabilities, stating:

"If full human capabilities were known to us right now, it is not something that we need to fear."

He added:

"Our capabilities have never been fully revealed. And we're still learning; we've got a long way to evolve still."

When asked to provide his thoughts on allegations made by former senior intelligence officer, David Grusch, regarding alleged secretive UAP programs, Lacatski said, "It's reasonable what he's saying."

However, Lacatski commented that he did not witness any illegal activities during his time investigating UAP:

"I never saw what I would consider illegal activities. I saw security procedures that are paramount, but not illegal activities."

AAWSAP was the genesis of modern UAP investigations, which have led to the establishment of the current All-domain Anomaly Resolution Office (AARO). Lacatski confirmed that someone within the AARO has approached him for assistance, but declined to provide the name of who that person was.

However, when asked whether he was a disclosure advocate for providing more information about UAP, Lacatski said no:

"If you're asking me if I am a disclosure advocate, the answer is no," before adding that national security comes first.

Despite citing national security reasons, Lacatski was unable to state whether UAP presented a direct threat to national security.

Kelleher, who was also present and being interviewed by Corbell and Knapp, was able to provide context, stating that not enough data existed to provide a firm assessment:

"Without data on intent, you cannot make the case that these objects are a threat to national security; what you can say is that they are a threat to human health."

Beyond considerations of national security, Lacatski presented an additional potential rationale for UAP secrecy, albeit not originating from his own perspective - it pertains to contractors.

Addressing the aspect where private contractors might potentially hold craft of unknown or non-human origin, Lacatski remarked

"I can say if there's heavy investment of contractor capital, their overhead money into technologies, and they've been given these technologies, they're gonna hang on to them.

"It's as if someone's saying, 'Hey, wait a minute, we've invested a lot of our personal resources into research,' and this sentiment applies to every topic.

"It's going to be difficult to pry loose technology. When something's been given over, and a private company has invested their money, their stockholders' money into research.

"So that's an entirely different aspect."

One such contractor understood to have alleged craft of unknown or non-human origin is Lockheed Martin.

Earlier this year, Liberation Times asked Lockheed Martin if failure to disclose potential non-Earth origin or exotic material would be in breach of SEC corporate disclosure laws.

In response, a Lockheed spokesperson stated:

"Questions about UAPs are best addressed by the U.S. government."

However, the spokesperson did add:

"We comply with all regulatory requirements."

So far, Lacatski has declined the opportunity to testify before Congress on the issue of UAP; however, when asked by Knapp whether he would do so if subpoenaed and asked to tell the truth, he answered:

"We'll cross that bridge when we come to it."

The inclusion of the term 'unknown origin' in the newly co-authored book by Lacatski holds significant weight.

Multiple U.S. intelligence and defense sources have confirmed to Liberation Times that the AARO has, as one source stated, "coordinated the collection and analysis of materials from an unknown origin."

When questioned by Liberation Times for a response, the DoD refrained from denying these claims.

According to sources, the material is connected with an alleged UAP event and is not readily explainable, in reference to its composition. The analysis has not been concluded, meaning any potential origin cannot be verified at this time.

The term 'unknown origin' also appears in proposed legislation coordinated with the White House and introduced by Senate Leader Chuck Schumer.

Commenting on the legislation Senator Schumer has said:

"The American public has a right to learn about technologies of unknown origins, non-human intelligence, and unexplainable phenomena."

The term 'unknown origin' within the legislation refers to:

'Any materials or meta-materials, ejecta, crash debris, mechanisms, machinery, equipment, assemblies, or sub-assemblies, engineering models or processes, damaged or intact aerospace vehicles, and damaged or intact ocean-surface and undersea craft associated with unidentified anomalous phenomena or incorporating science and technology that lacks prosaic attribution or known means of human manufacture.'

That legislation has been proposed for the National Defense Authorization Act for Fiscal Year 2024.

Under the proposed legislation, in its current form, materials or biological evidence of unknown or non-human origin possessed by private persons or entities would be subject to the power of eminent domain exercised by the U.S. Federal Government. This would mean that companies like Lockheed Martin or any other aerospace company in possession of such materials would be required to surrender them to the government.

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UFOs in the daily Press:

Position statement of SEPRA head J.J. Velasco, 2004:

This article was published in the regional daily newspaper La Dépêche du Midi, Toulouse, France, on April 18, 2004.

Toulouse. Jean-Jacques Velasco speaks out at last.

"Yes, UFOs exist"

Jean-Jacques Velasco finally speaks without reservation about his work. And believe us, it is quite an event for all those who are interested in serious information fallen from the sky. Jean-Jacques Velasco, his name is well known in France, particularly in the Toulouse area: he is the official "Mister UFO" of the country. He has carried out 27 years a scientific investigation into each - let's say "curious" - display above our heads. Surprise, the one who was summoned, but who had been expressed little, due to obligation of discretion, states today without ambiguity in a book (1) co-authored with Nicolas Montigiani, to be available on April 22, "UFOs... the evidence" (Carnot publisher) that, yes indeed, "they" exist, and yes, "they are of extraterrestrial origin.

Jean-Jacques Velasco, optics engineer of formation, directs since 1983 within the CNES (national Center of space studies) in Toulouse, SEPRA (Service of expertise on the are atmospheric phenomena), one of the very rare structures of this type on the planet.

SEPRA, it's rock solid in the matter of competences: it benefits since its creation in 1977 (initially under the denomination of GEPAN) from the support of a high level scientific council. Forty specialists in space disciplines in the CNES brought their assistance to him. Its mission consists in inquiring on the field starting from the official statements collected up by the gendarmerie and of the military observations. On 5800 studied cases, about half reveal perfectly identifiable causes (balloons probes, natural phenomena, rockets, etc). But 13.5% escape any rational explanation. For Jean-Jacques Velasco, although it is denied by the politicians, UFOs are the demonstrations of remote intelligences. We will talk again about that.

A.B.

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Article/Document:

Official French Gov't UFO study project to resume with new director

Various sources - October, 2005

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Summary: The French Government, and its official national space agency CNES, will restart its official UFO study program. The French gov't has had an official program to study UFOs for several decades, called GEPAN / SEPRA. It was closed recently, but after an audit, it will now be restarted, with a new director, Yves Sillard.

The French Government, and its official national space agency CNES, will restart its official UFO study program. The French gov't has had an official program to study UFOs for several decades, called GEPAN / SEPRA. It was closed recently, but after an audit, it will now be restarted, with a new director, Yves Sillard. This program is an official French government project, and is conducted under the official French space agency CNES (the equivalent of NASA in the US). The new director was a former director of CNES, and has numerous other high

positions and achievements to his credit. In an interview with him, he seems to express a very strong support for the subject of UFOs, and advocates the need for serious, rigorous scientific study of the phenomenon. Mr. Sillard's most recent position was Assistant Secretary General for Environmental and Scientific Affairs for NATO.

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Background on Yves Sillard, the new director of the French UFO study program.

Link to original page, including photo of Mr. Sillard:

<http://www.nato.int/cv/is/asg-sa/sillar-e.htm>

Mr. Sillard was born on 5th January 1936 in Coutances, France.

He joined the Flight Test Centre in 1960 as Ingénieur Général de l'Armement after studying at the Institut Polytechnique and the Ecole Supérieure d'Aérotechnique. In 1964 he took charge of the Concorde programme in the Civil Aviation General Secretariat. The following year, he was made responsible for the construction of the Guyana Space Centre and then for the development of the Ariane rocket programme and finally became general manager of the Centre National d'Etudes Spatiales (CNES) from 1976 to 1982.

From 1982 to 1988 he was Chairman and Manager of the Institut Français pour l'Exploitation de la Mer. He then became Delegate General for Armaments (1989-1993), then Chairman and General Manager of "Défense Conseil International" (1994-1997). Since April 1997 he has been the official representative for space policy attached to the Ministry of Defence.

Mr. Sillard holds an Air Force pilot's licence (1200 flying hours).

Mr. Yves Sillard was appointed as Assistant Secretary General for Scientific and Environmental Affairs with effect from 19th January 1998.

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According to researcher Jacques Vallee, the former director of the program Jean-Jacques Velasco will no longer be with the UFO study program (GEPAN-SEPRA).

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Information about a recent interview with the new directory of the French Gov't UFO Study program, from Patrick Gross (ufologie.net):

#### FRENCH OFFICIAL RESEARCH ON UFO REPORTS RESUMED?

An interview of Yves Sillard was diffused on Radio France International on September 29, 2005. Yves Sillard held positions within the CNES (National Center for Space Studies, the smaller equivalent of NASA for France), the armament, he worked on the Ariane rockets. He had created GEPAN, the group which studied UFO reports within CNES, when he was its director, in 1977.

In the interview, he explains that UFOs are a matter which must be considered seriously, and that CNES now will reactivate its UFO research effort, following an audit of 2001-2002, and provide again reasonable means of operation to this effort.

He specifies that research on UFO reports within CNES "had given up a bit" to "incredible misinformation campaigns which are very often intended to destabilise, to even ridicule those who cover the subject seriously."

He informs that a committee was created, having representatives of the principal organizations "which in France are concerned with that." He lists the National

Gendarmerie, the National Police force, Civil Safety, the Air Force, the Civil Aviation, National Meteorology and adds that there will also be initially four scientists specialists in fields which are more or less in connection with UFOs, such as for example "propulsion, electromagnetism, astrophysics and also the social sciences."

He indicates that GEPAN and the SEPRA, during the last years have collected cases "which are documented perfectly, with witnesses whose credentials have been checked, but which are unexplainable by phenomena known today" and that "in face of that one can only make assumptions, and only assumptions."

He adds: "... I think that the Americans practises on the subject to which they devote, I am persuaded of it, much higher efforts of investigation than those of any other country, they practise a deliberated policy and learnedly orchestrated misinformation. It is a total misinformation. What for? Is it the fear to see their supremacy challenged if one day they face a much more advanced external civilization? Is it their concern of keeping for them a potential of technology asset? Or... or any other explanation, who knows?"

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Computer translation (not perfect) of recent interview with Yves Sillarsd, from Radio France International, September 29, 2005:

Interview of Yves Sillard

Red-headed Vincent : And our 2nd file this evening: in France one calls them Not-identified Aerospace Phenomena , but they are more known under the name of UFOS. They can fascinate or make smile, but they interest also the scientists . CNES , the French space agency, with thus deciding to start again its activities of observation and analysis of these phenomena. A steering committee was created to restart this sector, and our guest this evening is the president of this steering committee: Yves Sillard . Good evening...

Yves Sillard : Good evening... (to smile)

Red-headed Vincent : Then Yves Sillard your course is impressive; you worked on the program Concorde , you were then one of the fathers of ARIANE , you directed the CNES , then be a General manager of the Armement. As much to say Yves Sillard that if it were asked you that if one asked you to direct this committee on the observation of the UFOS, it is that one wants to approach very seriously.

Yves Sillard : It is a subject which it is necessary to tackle with rigour, serious, and without having preconceived ideas nor to be afraid of its shade; it is a very interesting subject besides.

Red-headed Vincent : And it is a scientific glance, which it is necessary to carry on the question...

Yves Sillard : A rigorous and scientific glance... here.

Red-headed Vincent : Then in the event it is a question of reactivating a structure which existed, the GEPAN, the Grouping of Study of the Not Identified Aerospace Phenomena . Why this GEPAN which had been created in 1977 then was put a little in sleep?

Yves Sillard : Eh Ben listen... They are there a phenomenon... this phenomenon of... the problem of the Phenomena of Aerospace Not-identified which is very serious, which brings into play multiple witnesses who are worthy of faith, which wonders about the nature of the observations that they could make, and which wait rightly of the answers to the questions until they are posed. I thus return very small little behind. And thus for me it is role of the CNES to try to answer these waitings, even if in certain cases the answer is not easy to formulate. And I had created the GEPAN , from which you come to speak, to this

end in 1977 , when I was a general manager of the CNES , and this GEPAN functioned perfectly. Unfortunately, this subject, which requires as one has just said it to be approached with a total rigour scientific, makes, very often, the object of impassioned reactions, "for", "against", etc and then of incredible misinformation campaigns which are very often intended for destabiliser, to even ridicule those which cover the subject seriously. Then in the last years # one can say since about fifteen years # eh Ben the CNES a little yielded to these campaigns misinformation; and one to that, which was made in the years 2001-2002, which implied the hearing of many personalities, recommended to give again to the GEPAN of the normal means of operation # without him to give fantastic means of course # and to make supervise and direct its activities by by a steering committee which associates all the various organizations which are concerned with the study of this phenomenon. And here are, these recommendations were followed by Yannick d' Escatha , which is the current president of the CNES , and from where the 1st meeting of the steering committee.

Red-headed Vincent : ... that you thus chaired.

Yves Sillard : Here.

Red-headed Vincent : With which you will work on these questions?

Yves Sillard : Then the committee is very clearly made up if you want now. It associates a certain number of people of the CNES and then repr sents of the principal organizations which in France are concerned with that. Is these organizations, it what? It is the National Gendarmerie , the National police force, Civil Safety, the Air Force, the Civil aviation, National Meteorology. And in addition to the organizations, we have some scientists, 4 scientists in one the 1st time, which is specialists, who have activities in fields which, in near or by far, can interest the subject. For example propulsion, electromagnetism, astrophysics and also social sciences.

Red-headed Vincent : That serious people what, therefore (to smile). Then in spite of the risks of the GEPAN , that makes about thirty years that the CNES accumulates information, reports/ratios, observations... Are there interesting phenomena in these observations, of the things which one did not know to explain?

Yves Sillard : Then yes if you want the CNES initially developed a very rigorous methodology to collect testimonys and to analyze these testimonys in order to create a data base which exists today and which is completely remarkable. And in France , between 1951 and today # because the CNES ... the GEPAN made up in 1977 went up a little upstream # there are several thousands of cases which were recorded, including in particular nearly 200 cases which result from observations on board planes. Then all these cases and all these testimonys were the subject of an extremely rigorous classification as I said it to you, and finally the CNES classified all these phenomena of... over these 50 last years in 4 categories: one 1st category that one calls the Not identified Aerospace Phenomena of category A, SIDE A, which are perfectly identified things; the SIDE B which is things almost surely perfectly identified, then one 3rd category, the SIDE C, that it is those which are not exploitable because information is not usable really... it is lack of information, not clearness of testimonys, etc and finally last case which is the SIDE D, which them are documented perfectly, with witnesses whose one could check quality, but which is unexplainable by phenomena known today.

Red-headed Vincent : And they about represent which proportion?

Yves Sillard : Then it is about 15 % of the total. Then if one removes the cases which are not usable because they are not interesting, one can think that they would be distributed about in the same way between unexplainable cases and case explicables, one can say in a simple way that there are 75 to 76 % of identified cases # identified well, one knows what it is # and then 25 % of not identified



cases, which are unexplainable by the phenomena currently known.

Red-headed Vincent : Then precisely is the observation of these aerospace phenomena it, intellectually, scientifically stimulant I imagine? Does Ca hustle a little?

Yves Sillard : Ah Ben it is stimulative... i.e., that must be stim... because you know that a certain number of scientists refuse, by saying "it is impossible, therefore that does not exist"; thus that, obviously, that does not appear scientist very to us. On the other hand when one gives oneself the sorrow of réfl... to look with serious and in all objectivity all these cases, of which some are not only cases with of visual observations of serious witnesses but also with... of others. some with traces... of the echoes radar recorded by planes... euh... by airborne radars and radars on the ground... euh... in a certain number of cases of the traces of landings and of... how to say... deterioration of the vegetation... all that is extremely serious and raises questions. And today obviously one cannot vis-a-vis all that putting forth only assumptions, and only assumptions.

Red-headed Vincent : And being what that can help, that can have scientific applications, that can precisely push research in certain fields?

Yves Sillard : Ah Ben listen certainly, because one is quite naturally brought to seek to explain a certain number of these cases... one has well the feeling which they are the mobiles having of the much higher evolutions if I then to say to the air and space mobiles that we know to currently send... and then in addition they rather curious effects on the communications have, the instruments... all that calls explanations and a certain number of research can be made to try to explain a little how this kind of phenomena can occur.

Red-headed Vincent : Last question Yves Sillard : did American "invent" this phenomenon UFOS a little... today they still continue their research? One speaks about it much less...

Yves Sillard : Then if you want, officially, American gave up all research on the UFOS after the dépôt of a report/ratio which is called Rapport Condon in 1969 . Then, if I have 1 more mn, I can to say simply that this report/ratio, curiously, which revealed in the body of the report/ratio 30 % of phenomena observed which were completely unexplainable, it concluded by saying that the continuation of the study was not of interest. There was a major anomaly between the conclusions and the remainder. Then actually, me I think that American practises on the subject # to which they devote, I am persuaded of it, of the efforts of investigation much higher than those of any other country # they practise a deliberated policy and learnedly orchestrated misinformation. It is the total misinformation... Then with a which aim? Is it a fear to see their given supremacy concerned if one day one were vis-a-vis an external civilization much more advanced... Is they a concern of keeping for them a potential asset of technology... one in... or any other explanation, one knows anything of it.

Red-headed Vincent : Yves Sillard , thank you. Thank you for these explanations, thank you to have been with us on RFI, good evening.

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What is the responsibility of the scientist confronted with observations that seem not only a challenge but sometimes also an affront to science? How does one discharge this responsibility? The UFO phenomena presents us with such a problem. To most scientists who have no acquaintance with the subject, save that gained from scanning the popular press, it is an "untouchable" area. Flying saucers indeed!-the product of immature, imaginative, and even unbalanced minds, the playground of the pseudo-scientist and the quasi-mystic, the haven of the crackpot.

Is this really so? Obviously, if one is to apply the scientific principles we all staunchly defend, one must take the time to look into the subject carefully-to look and to consider. But time is precisely what today's scientists-in some respects the world's busiest people -do not have! Who can take the time to wade through the seeming morass of stories, fanciful tales, chimera, and balderdash when SO many pressing things demand the scientist's immediate attention?

As an astronomer, I probably would never have approached the subject had I not been officially asked to do so. Over the past eighteen years I have acted as a scientific consultant to the U.S. Air Force on the subject of unidentified flying objects-UFO's. As a consequence of my work on the voluminous air force files and, to a greater extent, of personal investigation of many puzzling cases and interviews with witnesses of good repute, I have long been aware that the subject of UFO's could not be dismissed as mere nonsense. Nonsense is present, to be sure, and misidentification of otherwise familiar objects that many sincere people report as UFO's. But is there not a "signal" in the "noise," a

needle in the haystack? Is it not precisely our role to try to isolate the valid from the nonsensical? By carefully working through tons of pitchblende, Madame Curie isolated a tiny amount of radium-but the significance of that minute quantity was world-shaking.

It is my conclusion (speaking now personally and not in an official capacity) after many years of working through "tons" of reports, that there is a signal, that there is "radium" in the "pitchblende," waiting to be extracted. The authors of this book have come to the same conclusion, by a somewhat different path. Whether the scientifically valid in the entire UFO phenomenon proves to be a physical signal or a psychological one -or even a heretofore unknown phenomenon-it is in every respect a challenge to science.

Perhaps I should have spoken earlier; eighteen years is a long time. But it takes more evidence to get an idea accepted in a revolutionary field, be it biological evolution, relativity, or quantum mechanics, than it does to advance simply another step in an accepted scientific domain. Furthermore, astronomers are among the most conservative of scientists. Perhaps this is because their time scale is so great that they naturally bide their time in proposing or accepting revolutionary ideas, particularly if such ideas are subject to sensational treatment in the press and in the minds of the people.

Nonetheless, I have of late been rebuked, in my correspondence with people whose integrity I respect, with the charge that I failed to call the importance of the air force data on UFO's to the attention of my peers. If any defense is needed, in view of the controversial and explosive nature of the subject, it is that I did indeed on many occasions call guarded attention to the steadily growing mass of reports made by intelligent people from many countries. As early as 1952, before the Optical Society of America, I pointed out the significant nature of some types of UFO reports (article published in the Journal of the Optical Society of America, April, 1953). Over and above that, there remains the fact that for years I have personally devoted a portion of my time to this subject, an action that would be unthinkable had I not felt it was worthy of examination. I have long been aware that the UFO phenomenon is a global one and that it has captured the attention of many rational people. Numerous scientists have privately told me of their interest and their willingness to look further into the problem.

Also, as a scientific consultant to the U.S. Air Force, I carry a unique responsibility: any statement I make on the importance of the UFO phenomenon, unless backed by overwhelming evidence, carries the danger of "mobilizing the credulity of the world," as a university colleague of mine so aptly put it. I recognize that responsibility in accepting the invitation of the authors to write the Foreword to this book. It was only my respect for the authors as serious investigators and the continued and growing mass of unexplained UFO reports that prompted me to accept. I have over the years acquired something of a reputation as a "debunker" of UFO reports. If this arose from my honest desire to find a rational natural explanation for the stimuli that give rise to the reports, a procedure very frequently crowned with success, then I must bear with that reputation. If it stems, however, from a belief that I deliberately adopted a Procrustean approach, cutting down or stretching out evidence to make a forced fit, deliberately to "explain away" UFO reports at all cost, then it is a most unwarranted charge.

In my nearly two score years' association with the investigation of the reports, I have yet to write a book on the subject, primarily because there is no physical evidence in support of the phenomenon. Were I to write such a book today, however, I probably would take much the same approach followed by the present authors. The Valleys present a formidable amount of evidence for the global nature of the UFO phenomenon, but despite this they come to no firm conclusion. As they state: "We must realize that the observations we have reviewed . . . have no value in themselves. They are important and deserve study, only because each one is an illustration of a phenomenon that has manifested itself since May, 1946, in every country in the world." Besides the

fact that the reports bear striking similarities to each other they continue to be made by people of good repute, which makes it imperative that a scientific investigation be undertaken. Because of the global nature of the total phenomenon, this investigation might well be carried out under the auspices of the United Nations. The psychological implications of the UFO phenomenon on world affairs certainly make it worthy of study. It makes no difference, in this respect, what the physical truth of the matter is; it is the impact it has on the minds of people in many nations that makes it potentially important in the psychosociological balance of the world.

My own interest, as an astronomer, in the total phenomenon is, of course, purely scientific. Some readers may well wonder whether this seemingly flamboyant subject is amenable to scientific inquiry. What constitutes scientific evidence in this field? The authors present a convincing argument that the UFO phenomenon can be studied with the advanced methods of inquiry of the physical scientist and of the sociologist and psychologist. In all of these methods the electronic computer figures prominently.

Scientific inquiry becomes possible when the phenomenon under study exhibits patterns and regularities, when it is subject to classification. The authors have shown that a classification system (the start of many branches of science) of UFO phenomena is possible and, indeed, that each type they have identified shows a different diurnal frequency pattern. In particular, their catalogue of five hundred cases should be of interest to scientists. I cannot help drawing a parallel with the first catalogues of celestial radio sources: the great majority of the entries were unidentified optically; only more advanced methods of analysis and observation revealed that some of these were distant radio galaxies and that some were the striking new puzzle, quasi-stellar sources. The present catalogue of UFO cases consists, with very few exceptions, of unidentified items; one wonders whether the parallel with the catalogue of radio sources continues.

Certainly no progress can be made without scientific study. Unfortunately, as the authors point out, scientists, "draped with dignity," have often refused to study the reports. The fact of the matter is that many of my colleagues who have undraped their dignity long enough to take a hard look at the reports have joined the growing ranks of the puzzled scientists: they privately indicate serious interest in the phenomenon but publicly they choose, like the subject itself, to remain unidentified; they are unwilling to expose themselves to the raillery and banter that go with it. It is to them in particular, and to all who foster the true Galilean spirit, that this book will be of greatest value. They grope and seek, examining even those ideas that seem fanciful and strange, for they know how strange and fanciful the term "nuclear energy" would have been to a physicist one hundred years ago. They are ready to accept a new challenge to science.

J. Allen Hynek,  
Dearborn Observatory, Northwestern University, Evanston, Ill.

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Version française

Chronologie

Hynek, Josef Allen Hynek, Josef Allen, 1966

s1

What is the responsibility of the scientist confronted with observations that seem not only a challenge but sometimes also an affront to science? How does one discharge this responsibility? The UFO phenomena presents us with such a problem. To most scientists who have no acquaintance with the subject, save that gained from scanning the popular press, it is an "untouchable" area. Flying

saucers indeed!-the product of immature, imaginative, and even unbalanced minds, the playground of the pseudo-scientist and the quasi-mystic, the haven of the crackpot.

Is this really so? Obviously, if one is to apply the scientific principles we all staunchly defend, one must take the time to look into the subject carefully-to look and to consider. But time is precisely what today's scientists-in some respects the world's busiest people -do not have! Who can take the time to wade through the seeming morass of stories, fanciful tales, chimera, and balderdash when SO many pressing things demand the scientist's immediate attention?

As an astronomer, I probably would never have approached the subject had I not been officially asked to do so. Over the past eighteen years I have acted as a scientific consultant to the U.S. Air Force on the subject of unidentified flying objects-UFO's. As a consequence of my work on the voluminous air force files and, to a greater extent, of personal investigation of many puzzling cases and interviews with witnesses of good repute, I have long been aware that the subject of UFO's could not be dismissed as mere nonsense. Nonsense is present, to be sure, and misidentification of otherwise familiar objects that many sincere people report as UFO's. But is there not a "signal" in the "noise," a needle in the haystack? Is it not precisely our role to try to isolate the valid from the nonsensical? By carefully working through tons of pitchblende, Madame Curie isolated a tiny amount of radium-but the significance of that minute quantity was world-shaking.

It is my conclusion (speaking now personally and not in an official capacity) after many years of working through "tons" of reports, that there is a signal, that there is "radium" in the "pitchblende," waiting to be extracted. The authors of this book have come to the same conclusion, by a somewhat different path. Whether the scientifically valid in the entire UFO phenomenon proves to be a physical signal or a psychological one -or even a heretofore unknown phenomenon-it is in every respect a challenge to science.

Perhaps I should have spoken earlier; eighteen years is a long time. But it takes more evidence to get an idea accepted in a revolutionary field, be it biological evolution, relativity, or quantum mechanics, than it does to advance simply another step in an accepted scientific domain. Furthermore, astronomers are among the most conservative of scientists. Perhaps this is because their time scale is so great that they naturally bide their time in proposing or accepting revolutionary ideas, particularly if such ideas are subject to sensational treatment in the press and in the minds of the people.

Nonetheless, I have of late been rebuked, in my correspondence with people whose integrity I respect, with the charge that I failed to call the importance of the air force data on UFO's to the attention of my peers. If any defense is needed, in view of the controversial and explosive nature of the subject, it is that I did indeed on many occasions call guarded attention to the steadily growing mass of reports made by intelligent people from many countries. As early as 1952, before the Optical Society of America, I pointed out the significant nature of some types of UFO reports (article published in the Journal of the Optical Society of America, April, 1953). Over and above that, there remains the fact that for years I have personally devoted a portion of my time to this subject, an action that would be unthinkable had I not felt it was worthy of examination. I have long been aware that the UFO phenomenon is a global one and that it has captured the attention of many rational people. Numerous scientists have privately told me of their interest and their willingness to look further into the problem.

Also, as a scientific consultant to the U.S. Air Force, I carry a unique responsibility: any statement I make on the importance of the UFO phenomenon, unless backed by overwhelming evidence, carries the danger of "mobilizing the credulity of the world," as a university colleague of mine so aptly put it. I recognize that responsibility in accepting the invitation of the authors to write the Foreword to this book. It was only my respect for the authors as

serious investigators and the continued and growing mass of unexplained UFO reports that prompted me to accept. I have over the years acquired something of a reputation as a "debunker" of UFO reports. If this arose from my honest desire to find a rational natural explanation for the stimuli that give rise to the reports, a procedure very frequently crowned with success, then I must bear with that reputation. If it stems, however, from a belief that I deliberately adopted a Procrustean approach, cutting down or stretching out evidence to make a forced fit, deliberately to "explain away" UFO reports at all cost, then it is a most unwarranted charge.

In my nearly two score years' association with the investigation of the reports, I have yet to write a book on the subject, primarily because there is no physical evidence in support of the phenomenon. Were I to write such a book today, however, I probably would take much the same approach followed by the present authors. The Vallees present a formidable amount of evidence for the global nature of the UFO phenomenon, but despite this they come to no firm conclusion. As they state: "We must realize that the observations we have reviewed . . . have no value in themselves. They are important and deserve study, only because each one is an illustration of a phenomenon that has manifested itself since May, 1946, in every country in the world." Besides the fact that the reports bear striking similarities to each other they continue to be made by people of good repute, which makes it imperative that a scientific investigation be undertaken. Because of the global nature of the total phenomenon, this investigation might well be carried out under the auspices of the United Nations. The psychological implications of the UFO phenomenon on world affairs certainly make it worthy of study. It makes no difference, in this respect, what the physical truth of the matter is; it is the impact it has on the minds of people in many nations that makes it potentially important in the psychosociological balance of the world.

My own interest, as an astronomer, in the total phenomenon is, of course, purely scientific. Some readers may well wonder whether this seemingly flamboyant subject is amenable to scientific inquiry. What constitutes scientific evidence in this field? The authors present a convincing argument that the UFO phenomenon can be studied with the advanced methods of inquiry of the physical scientist and of the sociologist and psychologist. In all of these methods the electronic computer figures prominently.

Scientific inquiry becomes possible when the phenomenon under study exhibits patterns and regularities, when it is subject to classification. The authors have shown that a classification system (the start of many branches of science) of UFO phenomena is possible and, indeed, that each type they have identified shows a different diurnal frequency pattern. In particular, their catalogue of five hundred cases should be of interest to scientists. I cannot help drawing a parallel with the first catalogues of celestial radio sources: the great majority of the entries were unidentified optically; only more advanced methods of analysis and observation revealed that some of these were distant radio galaxies and that some were the striking new puzzle, quasi-stellar sources. The present catalogue of UFO cases consists, with very few exceptions, of unidentified items; one wonders whether the parallel with the catalogue of radio sources continues.

Certainly no progress can be made without scientific study. Unfortunately, as the authors point out, scientists, "draped with dignity," have often refused to study the reports. The fact of the matter is that many of my colleagues who have undraped their dignity long enough to take a hard look at the reports have joined the growing ranks of the puzzled scientists: they privately indicate serious interest in the phenomenon but publicly they choose, like the subject itself, to remain unidentified; they are unwilling to expose themselves to the raillery and banter that go with it. It is to them in particular, and to all who foster the true Galilean spirit, that this book will be of greatest value. They grope and seek, examining even those ideas that seem fanciful and strange, for they know how strange and fanciful the term "nuclear energy" would have been to a physicist one hundred years ago. They are ready to accept a new challenge to

science.

J. Allen Hynek,  
Dearborn Observatory, Northwestern University, Evanston, Ill.

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Quelle est la responsabilité du scientifique ?

RR0

Recherche

Sommaire

Chronologie

Hynek, Josef AllenHynek, Josef Allen, 1966

s1

Quelle est la responsabilité du scientifique confronté à des observations qui semblent non seulement constituer un défi, mais parfois aussi un affront à la science ? Comment assumer cette responsabilité ? Les phénomènes d'ovnis nous confrontent à un tel problème. Pour la plupart des scientifiques qui ne connaissent pas le sujet, à part à travers une revue de la presse populaire, il s'agit d'un domaine "intouchable". Les soucoupes volantes en effet ! – le produit d'esprits immatures, imaginatifs, voire déséquilibrés, le terrain de jeu du pseudoscientifique et du quasi-mystique, le havre du cinglé.

Est-ce vraiment le cas ? À l'évidence, si l'on doit appliquer les principes scientifiques que nous défendons tous résolument, on doit prendre le temps d'examiner le sujet avec soin – de regarder et d'envisager. Mais le temps est précisément ce qui fait défaut les scientifiques d'aujourd'hui – à certains égards les gens les plus occupés du monde ! Qui peut prendre le temps de patauger dans l'apparent marais de récits, histoires fantaisistes, chimères et balivernes lorsque tant de choses pressantes demandent l'attention immédiate du scientifique ?

En tant qu'astronome, je n'aurais probablement jamais approché le sujet si on ne m'avait pas officiellement demandé de le faire. Au cours des 18 dernières années, j'ai servi de consultant scientifique à la Force Aérienne sur le sujet des Objets Volants Non Identifiés - les OVNI. Suite à mon travail sur les fichiers volumineux de la Force Aérienne et, dans une plus grande mesure, à des enquêtes personnelles sur de nombreux cas intrigants et interviews de témoins de bonne réputation, je sais depuis longtemps que le sujet des ovnis ne peut être écarté comme une simple absurdité. L'absurdité existe, pour sûr, comme la méprise d'objets autrement familiers que de nombreuses personnes rapportent comme étant des ovnis. Mais y a-t-il un "signal" dans le "bruit", une aiguille dans la botte de foin ? Notre rôle n'est-il pas précisément d'essayer d'isoler le valide de l'absurde ? En travaillant avec soin les tonnes de pechblende, Madame Curieisola une minuscule quantité de radium – mais la significativité de cette quantité infime secoua le monde.

Ma conclusion (parlant maintenant personnellement et non en position officielle) après de nombreuses années de travail sur des "tonnes" de rapports, est qu'il existe un signal, qu'il y a du "radium" dans la "pechblende", attendant d'être extrait. Les auteurs de ce livre sont arrivés à la même conclusion, par un chemin quelque peu différent. Que le scientifiquement valide dans le phénomène ovni se révèle être un signal physique ou psychologique – ou même un phénomène jusqu'ici inconnu – est à tous points de vue un défi pour la science.

Peut-être aurais-je dû parler plus tôt ; 18 ans est une longue période. Mais il faut plus d'éléments pour faire accepter une idée dans un domaine révolutionnaire, qu'il s'agisse de l'évolution biologique, de la relativité ou de la mécanique quantique, qu'il n'en est besoin pour simplement avancer d'un nouveau pas dans un domaine scientifique accepté. De plus, les astronomes font partie des scientifiques les plus conservateurs. Peut-être est-ce parce que leur échelle de temps est si grande qu'ils attendent naturellement le bon moment pour proposer ou accepter des idées révolutionnaires, en particulier si ces idées sont sujettes à un traitement sensationnel dans la presse et dans les esprits



des gens.

Néanmoins, j'ai été depuis peu réprimandé, dans ma correspondance avec des gens dont je respecte l'intégrité, accusé de n'avoir pas réussi à porter l'importance des données de la Force Aérienne sur les ovnis à l'attention de mes pairs. If any defense is needed, au regard de la nature controversée et explosive du sujet, it is that I did indeed on many occasions call guarded attention sur la masse constamment croissante de signalements faits par des personnes intelligentes de nombreux pays. Dès 1952, devant la Société Optique d'Amérique, j'ai souligné la nature significative de certains types de signalements d'ovnis s2. Par-dessus tout cela, reste le fait que durant des années, j'ai personnellement consacré une portion de mon temps à ce sujet, une action qui serait impensable si je n'avais pas pensé qu'il méritait un examen. Je suis conscient depuis longtemps que le phénomène ovni est quelque chose de global et qu'il a capturé l'attention de nombreuses personnes rationnelles. De nombreux scientifiques m'ont parlé en privé de leur intérêt et de leur volonté d'examiner le problème de plus près.

Egalement, en tant que consultant scientifique pour la Force Aérienne des E.U., je porte une responsabilité unique : toute déclaration que je fais sur l'importance du phénomène ovni, à moins d'être étayée par des éléments évidents, porte le danger de "mobiliser la crédulité du monde", comme un de mes collègues d'université le dit si justement. Je reconnais que cette responsabilité d'accepter l'invitation des auteurs à écrire la Préface de ce livre. Ce fut seulement mon respect pour les auteurs en tant qu'enquêteurs sérieux et la masse continue et croissante de signalements d'ovnis inexpliqués qui m'incita à accepter. J'ai au cours des années acquis une certaine réputation de "démonteur" de signalements d'ovnis. Si cela est venu de mon désir honnête de trouver une explication rationnelle aux stimuli ayant donné lieu eux signalements, une procédure très souvent couronnée de succès, alors je dois assumer cette réputation. Si cela émane, cependant, d'une idée que j'adopterais délibérément une approche Procrustéenne, coupant ou étirant les éléments pour les faire rentrer dans un moule, délibérément pour "donner une explication" aux signalements d'ovnis à tout prix, alors il s'agit d'une accusation particulièrement injustifiée.

Etant associé depuis presque 2 ans à des enquêtes sur les signalements, je n'ai toujours pas écrit un livre sur le sujet, principalement parce qu'il n'y a pas d'élément physique pour étayer le phénomène. Si je devais écrire un tel livre aujourd'hui, cependant, j'adopterais probablement beaucoup de l'approche suivie par les auteurs présents. Les Vallées présentent une quantité formidable d'éléments de la nature globale du phénomène ovni, mais malgré cela, ils n'arrivent pas à uFou ne conclusion ferme. Comme ils le disent : Nous devons réaliser que les observations que nous avons examinées (...) n'ont pas de valeur en elles-mêmes. Elles sont importantes et méritent une étude seulement parce que cahcune est une illustration d'un phénomène qui s'est manifesté depuis mai 1946, dans chaque pays du monde. À côté du fait que les signalements ont des similarités frappantes l'une avec l'autre, elles continuent d'être faites par des gens de bonne réputation, ce qui rend impératif qu'une investigation scientifique soit entreprise. En raison de la nature globale du phénomène total, cette investigation pourrait bien être menée sous les auspices des Nations Unies. Les implications psychologiques du phénomène ovni sur les affaires du monde justifient certainement son étude. La vérité physique sur la question, en l'occurrence, ne fait pas de différence ; c'est l'impact qu'elle a sur les esprits des gens dans de nombreuses nations qui la rend potentiellement importante dans l'équilibre psychosociologique du monde.

Ma propre intérêt, en tant qu'astronome, pour le phénomène total est, bien sûr, purement scientifique. Certains lecteurs pourraient être nombreux à se demander si ce sujet apparemment flamboyant peut être soumis à l'examen scientifique. Qu'est-ce qui constitue un élément scientifique dans ce domaine ? Les auteurs présentent un argument convaincant qui est que le phénomène ovni peut être étudié avec les méthodes avancées de recherche du physicien, du sociologue et du psychologue. Dans toutes ces méthodes l'ordinateur figure en bonne place.

La recherche scientifique devient possible lorsque le phénomène étudié montre des schémas et des régularités, lorsqu'il est sujet à classification. Les auteurs ont montré qu'un système de classement (le début de nombreuses branches de la science) des phénomènes ovni est possible et, en fait, que chaque type qu'ils ont identifié montre un schéma de fréquence diurne différent. En particulier, leur catalogue de 500 cas devrait intéresser les scientifiques. Je ne peux aider à faire un parallèle avec les premiers catalogues de sources radio célestes : la grande majorité des entrées n'étaient pas identifiées de manière optique ; seules des méthodes d'analyse et d'observation plus avancées révélèrent que certaines d'entre elles étaient des galaxies radio distantes et que certaines étaient la nouvelle énigme frappante, des sources quasi-stellaires n1. Le catalogue présent of cas d'ovnis consiste, à peu d'exceptions, en des éléments non identifiés ; on se demande si le parallèle avec le catalogue de sources radio continue.

Certainement aucune progression ne peut être faite sans étude scientifique. Malheureusement, comme les auteurs le soulignent, les scientifiques, drappés dans leur dignité, ont souvent refusé d'étudier les rapports. Le fait de la question que nombre de mes collègues s'étant dé-drapés de leur dignité assez longtemps pour jeter un œil sérieux sur les rapports ont rejoint les rangs croissants des scientifiques intrigués : ils indiquent en privé un intérêt sérieux pour le phénomène, mais publiquement choisissent, comme le sujet lui-même, de rester non identifiés ; ils ne souhaitent pas s'exposer à la raillerie et les plaisanteries qui y sont associés. C'est pour eux en particulier, et pour tous ceux qui favorisent le véritable esprit Galiléen, que ce livre sera le plus précieux. Ils tâtonnent et cherchent, examinant même les idées qui semblent fantaisistes et étranges, parce qu'ils savent à quel point aurait paru étranges et fantaisistes le terme énergie nucléaire pour un physicien il y a un siècle de cela. Ils sont prêts à accepter un nouveau défi pour la science.

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Chronologie

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Recherche

Sommaire

De l'intérêt de la spécialisation

Chronologie

Ceux qui ne peuvent se souvenir du passé sont condamnés à le répéter

George Santayana

Il ne fait pas de doute qu'une approche (...) sur une courte durée (...) n'est pas plus prometteuse qu'économique. Cela est particulièrement vrai si l'équipe d'étude décide (...) de se concentrer sur les observations actuelles plutôt que sur celles passées. Comme le montrent les statistiques sur les ovnis, cela aboutit à consacrer un temps précieux à enquêter sur le bruit, plutôt que sur le signal

(Sous-comité sur les OVNI de l'AIAA) : "s1"

21<sup>e</sup> siècle

20<sup>e</sup> siècle

19<sup>e</sup> siècle

18<sup>e</sup> siècle

17<sup>e</sup> siècle

16<sup>e</sup> siècle

15<sup>e</sup> siècle

14<sup>e</sup> siècle

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-10<sup>e</sup> siècle  
-11<sup>e</sup> siècle  
-2000  
-3000  
-4000  
-6000  
-10 000

Cette section répertorie des événements ufologiques ou associés/contextuels, constitués :

d'une date de l'événement, relative à l'élément consulté (un mois dans une année, un jour dans un mois, une heure dans un jour). Tant que possible, le fuseau horaire est indiqué, et à défaut celui du lieu indiqué. À noter que les dates listées ne représentent pas forcément la réalité de la distribution des observations dans le temps, mais uniquement la distribution des témoignages retrouvés par ce site à ce jour. Certaines observations se regroupent également dans le temps par vagues.

d'un lieu quand il est connu, généralement constitué sous forme du nom d'agglomération la plus proche et du département/état où il se trouve. Ces derniers sont habituellement considérés suffisamment clairs en eux-mêmes, mais le pays peut être précisé lorsque nécessaire.

d'une description aussi factuelle que possible. Généralement succincte, elle peut renvoyer directement à un dossier lorsque le cas est développé. Lorsqu'il s'agit de décrire l'observation d'un témoin, les faits sont décrits tels que ce dernier les a relatés, sans conditionnel ni autres réserves (le but étant ici de fournir les données testimoniales et non de les évaluer). Référez-vous alors aux sources et notes pour obtenir des informations plus éclairantes.

de source(s) (sous la forme s2 par exemple) permettant d'évaluer sa crédibilité, voire souvent d'accéder au texte d'origine via un lien.

de notes (sous la forme de n1 par exemple) permettant d'en cerner les tenants et les aboutissants. Par exemple alors que la description d'un se bornera à relater l'observation du témoin, une note pourra indiquer comment cette observation a été expliquée, s'il s'agissait d'un canular, etc. ou autre information utile au lecteur.

Si vous ne trouvez pas une observation dans ce catalogue, cela peut être parce qu'il s'agit d'un canular répertorié, ou plus simplement qu'il n'a pas encore été porté à la connaissance de ce site.

De l'intérêt de la spécialisation

Divers autres catalogues d'observations existent, généralistes ou spécialisés s3 en :

RR3

Observations mariales

Enlèvements

Observations de pilotes

Détections radar (ou radar et visuelles)

Ovnis observés près de, ou dans l'eau

Pluies inhabituelles

Traces

Au sol

Effets physiologiques

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Chronology

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Recherche

Summary

The benefits of specialization

Chronology

Those who cannot remember the past are condemned to repeat it

George Santayana

There is no doubt that a short-term approach is neither more promising nor more economical. This is especially true if the research team decides to focus on current sightings rather than past ones. As UFO statistics show, this results in spending valuable time investigating noise, rather than the signal.

( AIAA UFO Subcommittee ): " s1"

21st century

20th century

19th century

18th century

17th century

16th century

15th century

14th century

13th century

12th century

11th century

10th century

9th century

8th century

7th century

6th century

5th century

4th century

3rd century

2nd century

1st century

-1st century

-2nd century

-3rd century

-4th century

-5th century

-6th century

-7th century

-8th century

-9th century

-10th century

-11th century

-2000

-3000

-4000

-6000

-10,000

This section lists UFO-related or associated/contextual events, consisting of:

of a date of the event, relating to the item consulted (amonthin a year, a dayin amonth, ahour(within a day)). Whenever possible, the time zone is indicated, and failing that, the time zone of the location indicated. Note that the dates listed do not necessarily represent the actual distribution of observations over time, but only the distribution of the reports found by this site to date. Some

observations also appear in waves over time.

of a place when it is known, generally consisting of the name of the nearest town/city and the department/state where it is located. These are usually considered self-explanatory, but the country may be specified when necessary. The description should be as factual as possible. Generally brief, it may refer directly to a case file when the case is elaborated upon. When describing a witness's observation, the facts are described exactly as the witness recounted them, without conditional language or other reservations (the aim here being to provide the testimonial data , not to evaluate it). Refer to the sources and notes for more detailed information.

of source (s) (in the form s2for example) allowing you to assess its credibility, or even often to access the original text via a link.

of notes (in the form of n1for example) allowing the reader to understand the ins and outs. For example, while the description of a case will be limited to relating the witness's observation, a note could indicate how this observation was explained , whether it was a hoax , etc., or other information useful to the reader.

If you cannot find an observation in this catalogue, it may be because it is a listed hoax , or more simply because it has not yet been brought to the attention of this site.

The benefits of specialization

Various other observation catalogues exist, general or specialized s3in:

RR3

Marian observations

Abductions

Pilot observations

Radar detection (or radar and visual detection )

UFOs observed near, or in, water

Unusual rainfall

Traces

On the ground

Physiological effects

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Health

Business

Explainer

News

Trending

'Home of Aliens' Japanese town has 452 UFO sightings in one year. Viral story

'Home of Aliens' Japanese town has 452 UFO sightings in one year. Viral story

From alien statues to CIA documents: This tiny town in Japan is making waves in the UFO community.

'Home of Aliens' Japanese town

'Home of Aliens' Japanese town

Image Source : Twitter

Written By: Kritika Bansal

Published: May 03, 2023 15:42 IST, Updated: May 03, 2023 15:42 IST

New Delhi:

Trending News: Move over, Roswell - there's a new hub for alien activity in town! Lino-machi, a small town located in the Fukushima district of Japan, has reported an incredible 452 UFO sightings in the past year alone. With a population of less than 5,000 residents, this little town is bursting at the seams with all kinds of space paraphernalia, including fragments from crashed spaceships and even alien statues. It's no wonder that the locals have dubbed it the "home of aliens."

Many believers claim that Lino-machi is a hotspot for extraterrestrial life, with hundreds of reports pouring in every year. Due to the town's small population, the lack of lights is a huge attraction for aliens looking for a place to crash. The residents are known for their welcoming attitude towards their reported alien friends, and have even erected monuments and built a viewing tower for sky watching.

India Tv - Lino-machi  
(Image Source : TWITTER)

Lino-machi

Taking things one step further, Lino-machi has developed an entire tourism industry around the sightings. The UFO Furenai Kan museum boasts an array of classified CIA documents and research, as well as a range of UFO-related products like souvenirs and gourmet foods. Visitors are even encouraged to trek to nearby Senganmori mountain, where the majority of sightings have been reported in the past year.

According to the museum's director, Toshio Kanno, the Fukushima area has a long history of puzzling occurrences, with strange events allegedly taking place for centuries. Kanno attributes this to the strong magnetic field surrounding Senganmori, which has been the subject of myths and legends for ages.

India Tv - Lino-machi  
(Image Source : TWITTER)

Lino-machi

While the first reported sighting in Lino-machi dates back to 1970, it wasn't until 1992 that the national government's regional development project led to the construction of the UFO Furenai Kan museum. This marked the beginning of a town development centered around the theme of UFOs, which has resulted in a thriving tourism industry.

So, if you're a believer in extraterrestrial life, Lino-machi might just be the perfect destination for you. With its rich history of UFO sightings and a town dedicated to welcoming our alien friends, it's sure to be an otherworldly experience. Who knows - you might just catch a glimpse of something truly out of this world!

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Bangladesh: Massive blast rocks Dhaka's Moghbazar amid ongoing unrest; one dead, several injured

Massive blast rocks Dhaka's Moghbazar.

Centre imposes full ban on new mining leases in Aravallis, calls for urgent ecosystem protection

Centre imposes full ban on new mining leases in Aravallis

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Whatever happened to the Marshall County cop who hit a UFO?

Deputy Val Johnson stood where he saw the light.

On Sept. 11, 1979, Val Johnson stood where he says he had been engulfed by a flash of light two weeks earlier, indicated how big the beam was as it approached. Stormi Greener | Star Tribune 1979

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At 1:40 a.m. 36 years ago, Marshall County Sheriff's Deputy Val Johnson was on night patrol along a rural section of State Highway 220 near Warren, Minn., when he drove into a ball of white light.

"I noticed a very bright, brilliant light, 8 to 12 inches in diameter, 3 to 4 feet off the ground," Johnson said in a taped police interview. "The edges were very defined."

Johnson drove toward the light, and woke up in the ditch a half-hour later with burns around his eyes. The windshield and one headlight of his 1977 Ford LTD were smashed. Both radio antenna were bent sharply back. The watch on his wrist and the clock on the dash both ticked 14 minutes slow.

The incident turned Johnson into a local legend and national media sensation. And years later, people are still talking about it.

Johnson's squad car is preserved in the Marshall County Museum with a plaque that says: "U.F.O. Car." People still come from miles around to see it. It's an annual display at the Marshall County Fair.

Sometimes former Marshall County Sheriff Dennis Brekke gives talks at the museum about the car and the night his deputy drove it into a ball of light. Police investigated and never drew any conclusions.

Shattered windshield of squad car

The shattered windshield of Val Johnson's squad car that he was driving night of incident, Aug. 26, 1979. Photographed on Nov. 6, 1979. Regene Radniecki | Star Tribune 1979

But the incident's enduring fame has lingered far beyond Marshall County.

What's known as the "Val Johnson Incident" remains one of the top 10 most influential UFO encounters in history, according Jerome Clark, who wrote about it in his 1998 book, "The UFO Encyclopedia."

Paranormal TV shows like "UFO Files" and "Mysteries at the Museum" filmed reenactments. Even now, people debate the legitimacy of the encounter on online forums.

"It was an extraordinarily important case," Clark said.

Plenty of people have strange experiences on back roads late at night, Clark explained, but very few of them yield any tangible evidence. Fewer still are ever investigated.

But one thing is strikingly absent from the small town museum, the TV shows and online discussions: Val Johnson. When you try to track down Val Johnson, people tend to say he's hard to find, that he's still haunted by what happened to him 36 years ago. A 2013 Pioneer Press article said Johnson "quickly grew tired of interviews" after the incident and is "believed to now live somewhere in Wisconsin."



Sheriff Brekke's wife Louise said Johnson hasn't kept in touch with his old colleagues in Marshall County for three decades, aside from a letter he sent a few years back with no return address.

As it turns out, Johnson isn't that hard to find. He lives in Eau Claire, Wis., and he answers his phone.

At the first mention of UFOs, he laughed aloud.

"It's unexplainable, and will remain so. I'm happy with my mental stability," said Johnson.

"People don't call about that anymore," he said.

It becomes readily apparent that the details of the Val Johnson incident still enthralling UFO enthusiasts, just don't fascinate Johnson.

"I looked up at the sky and said, 'Well shucks, what happened?'" Johnson recalled. "And then I shuffled on with my life."

He had small kids to raise back then. Hitting a ball of light and ending up in a ditch wasn't close to the most important thing going on in his life.

For almost a year after the incident his phone hardly stopped ringing. He's quoted at the time by Associated Press writer Barbara Dewey saying his wife was "run ragged" by the constant calls. He appeared on Good Morning America, and in dozens of newspapers across the country. For a while, he was a very big deal.

Val Johnson sat behind the wheel of a squad car.

Val Johnson sat inside a Marshall County squad car on Nov. 6, 1979. Regene Radniecki | Star Tribune 1979

"And then other stories came along and pushed me off the front page," he said. "Thank goodness."

Johnson stayed on as deputy for a while after the incident. Then he took a job as chief of police in the nearby town of Oslo, Minn. Locals, he said, never questioned his ability to enforce the law.

In 1982 he was hired to set up the Roseau, Minn., Police Department, but lost the job less than a year later over a funding dispute.

"Once you're a chief of police, and then you get fired," he said, "you're un-hireable."

He was working as a security guard in a Twin Cities mall when a friend got him a job answering the customer service line at 3M.

"He asked me how I'd like to take 60 angry phone calls a day," he recalled, "I said, 'Dang, I can do that.'"

For years people sometimes showed up on his front porch with theories about his experience in Marshall County.

"We'd sit in the back yard with lemonade and talk," he said. "They'd tell me what they thought happened to me and I'd nod at the appropriate times. Eventually they'd go away."

Johnson's car is preserved at the county museum.

Val Johnson's squad car, a 1977 Ford LTD known locally as the "U.F.O Car," is preserved in the Marshall County Museum. People still come to see it. Courtesy of the Marshall County Museum

Johnson is 71 now. He has a short white beard and thinning white hair. He's retired, still living in Eau Claire with his wife, Rosanne. No one has stopped

by in years. No one calls about UFOs even when his name airs on television.

He has great-grandchildren.

To this day Johnson won't speculate on what happened to him in 1979. He doesn't think the light he saw was an extraterrestrial – but also won't rule out the possibility. For years, he said, it just hasn't crossed his mind.

"I saw a ball of light," he said. "I drove toward it, and suddenly it was in the car with me. It's unexplainable, and will remain so. I'm happy with my mental stability."

If it seems Johnson's ambivalence could cast some doubt on the famous incident, those passionate about UFOs are unfazed. Clark said it's a textbook UFO encounter coping mechanism.

Clark talked to scores of people involved in UFO encounters for his books. Some became obsessed with what happened to them. Some plunged into denial. Others he said, found peace, refusing to allow an encounter to change their lives.

"If anything," Clark said, "It's a story to tell at the bar, and that's it."

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### UFO Case 3: Ocala Radar-Visual Case

Pinecastle Electronic Warfare Range Tracking Station, a restricted facility operated by the U.S. Navy 32 miles east-southeast of Ocala, Florida (in the north central part of the state) was the site of a puzzling, still-unexplained UFO incident late on the evening of Sunday, May 14, 1978.

The incident began with a phone call from a civilian. At about 10:05 p.m., she called from nearby Silver Glen Springs to ask if the installation was shooting off flares. She had just seen something that looked like a flare. The duty officer, SK-1 Robert Clark, assured her no such operation was going on at that moment. A second call came a few minutes later. A man, later identified as Rocky Morgan, said that he and seven other persons traveling on Highway 19 near Silver Glen Springs had just seen an oblong-shaped flying object, some 50 to 60 feet in diameter and "almost the color of the moon," pass over the top of his car. It had a flashing light which was intensely bright at its center.

Clark checked with the Jacksonville Air Route Traffic Control Center, which told him no aircraft were in the area. He and the base air controller, Gary Collison, climbed up an observation tower next to a van containing the base's radar equipment. Clark contacted external security and directed them to contact TD-2 Timothy Collins, a radar technician. Collins rushed to the tower. The personnel already there were watching a cluster of glowing lights off to the west-northwest. They were at eye-level and seemed to be just above an old Civil Defense tower three miles away. Even though it was a clear, quiet night, the witnesses heard no noise emanating from the lights, which apparently were attached to a single object.

After watching them through binoculars, Collins went down to warm up the track radar, which took five minutes, and the acquisition radar, which took 20 minutes. As he waited, he looked for the object with a periscope on the van and saw it again. At around 11:20 radar locked on to the target. The object was located at 0.2 degrees elevation, or just a hundred or so feet off the ground, at the assumed distance: "treetop level," Collins would say. Its image on radar was "as strong [as] or stronger than" the image of the tower. The object seemed to be the size of a jetliner.

Ten to 15 minutes later it abruptly vanished from both sight and radar. But at around 11:40 the same or a similar object appeared 15 degrees to the north. Collins located it visually, but the second, computer-assisted radar did not track it for some reason. He also saw it through the periscope. A few minutes later it disappeared suddenly from both instrumented and visual observation.

Around midnight it or another object was seen three miles to the northwest. For five seconds it moved at more than 500 knots on a course, then accelerated for two seconds, and executed a hairpin turn in one second. When it made that turn, it was 15 miles south of the base, which meant it had covered 15 miles in seven seconds; most of that distance was covered in the last two seconds (a speed of 7700 mph is required to cover this distance in that time). The turn was a radical reversal of direction; now the UFO was shooting northward and toward the observers at the base. Its speed had slowed almost instantaneously to a mere two knots. It was at this point that Collins's radar locked on to it. After a little more than a minute, the object vanished. The sighting was over.

A dozen or so personnel had seen the object or objects. One of them, TD-AA Carol Snyder, told a newspaper reporter, "We saw three very blurry lights: red, white, and green. We watched them for about 30 minutes. We couldn't see how fast they were traveling. We were holding the binoculars, and the lights appeared to be bouncing,"

The Navy conducted an investigation out of the Jacksonville center but came to

no conclusions. Allan Hendry of the Center for UFO Studies interviewed several of the witnesses and gathered radar, meteorological, and astronomical data. He considered, then rejected, various prosaic alternatives before declaring this a CUFOS case of "high merit."

This account has been adapted from the book *The UFO Encyclopedia: The Phenomenon from the Beginning*, by Jerome Clark (1998), Omnigraphics. Further details can be found in the articles by Allan Hendry "Navy Radar-Visual in Florida," *International UFO Reporter* 3 (6), June 1978: 4-5 and "A Second Look at the Ocala Sighting," *Second Look* 1 (7), May 1979: 29-31.

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From July 12 to 29, 1952, a series of unidentified flying object (UFO) sightings

were reported in Washington, D.C., and later became known as the Washington flap, the Washington National Airport Sightings, or the Invasion of Washington. [1] The most publicized sightings took place on consecutive weekends, July 19–20 and July 26–27. UFO historian Curtis Peebles called the incident "the climax of the 1952 (UFO) flap"—"Never before or after did Project Blue Book and the Air Force undergo such a tidal wave of (UFO) reports." [2] This went on to become one of the most known UFO sightings ever.

## 1952 UFO flap

Reports peaked in late July.

The 1952 UFO flap was an unprecedented rash of media attention to unidentified flying object reports during the summer of 1952 that culminated with reports of sightings over Washington, D.C. [3][4][5] In the four years prior, the US Air Force had chronicled a total of 615 UFO reports; during the 1952 flap, they received over 717 new reports. [6] Project Blue Book director Edward J. Ruppelt later recalled: "During a six-month period in 1952... 148 of the nation's leading newspapers carried a total of over 16,000 items about flying saucers." [7]

On April 3, the Associated Press reported on an upcoming story in Life magazine that would reveal the Air Force was taking a serious interest in flying saucers. [8] The June edition of Look magazine featured a story where astrophysicist Donald Howard Menzel proposed flying saucers were optical mirages created by temperature inversions. [9][10] American papers covered similar statements from French astronomer Ernest Esclançon who debunked the "flying saucer reports" by explaining they could not be supersonic craft because no sonic booms were reported. [11]

On April 7, Life magazine, featuring Marilyn Monroe on its cover, [12] published the Flying Saucer article under the title "Have We Visitors From Space?", becoming the most reputable outlet to seriously consider the possibility that flying saucer reports might be caused by extra-terrestrial spaceships. [13][14] Publicity surrounding the piece is believed to have contributed to the subsequent wave of reports that summer. [15][16]

Sightings over Washington, D.C.

At the height of the UFO flap, there were UFOs reported at the nation's capital on two consecutive Saturday nights.

### Night of July 19

At 11:40 p.m. on Saturday, July 19, 1952, Edward Nugent, an air traffic controller at Washington National Airport, spotted seven objects on his radar. [17] The objects were located 15 miles (24 km) south-southwest of the city; no known aircraft were in the area, and the objects were not following any established flight paths. Nugent's superior, Harry Barnes, a senior air-traffic controller at the airport, watched the objects on Nugent's radarscope. He later wrote: "We knew immediately that a very strange situation existed ... their movements were completely radical compared to those of ordinary aircraft." [18]

Barnes had two controllers check Nugent's radar; they found that it was working normally. Barnes then called National Airport's radar-equipped control tower; the controllers there, Howard Cocklin and Joe Zacko, said that they also had unidentified blips on their radar screen, and saw a hovering "bright light" in the sky, which departed with incredible speed. [17] Cocklin asked Zacko, "Did you see that? What the hell was that?" [17]

At this point, other objects appeared in all sectors of the radarscope; when they moved over the White House and the United States Capitol, Barnes called Andrews Air Force Base, located 10 miles (16 km) from National Airport. Although Andrews reported that they had no unusual objects on their radar, an airman soon called the base's control tower to report the sighting of a strange object. Airman William Brady, who was in the tower, then saw an "object which appeared to be like an orange ball of fire, trailing a tail ... [it was] unlike anything

I had ever seen before."[17][19] As Brady tried to alert the other personnel in the tower, the strange object "took off at an unbelievable speed".[19]

On one of National Airport's runways, S. C. Pierman, a Capital Airlines pilot, was waiting in the cockpit of his DC-4 for permission to take off. After spotting what he believed to be a meteor, he was told that the control tower's radar had detected unknown objects closing in on his position. Pierman observed six objects—"white, tailless, fast-moving lights"—over a 14-minute period.[20] [17] Pierman was in radio contact with Barnes during his sighting, and Barnes later related that "each sighting coincided with a pip we could see near his plane. When he reported that the light streaked off at a high speed, it disappeared on our scope."[21]

Meanwhile, at Andrews Air Force Base, the control tower personnel were tracking on radar what some thought to be unknown objects, but others suspected, and in one instance were able to prove, were simply stars and meteors.[22] However, Staff Sgt. Charles Davenport observed an orange-red light to the south; the light "would appear to stand still, then make an abrupt change in direction and altitude ... this happened several times." [21] At one point both radar centers at National Airport and the radar at Andrews Air Force Base were tracking an object hovering over a radio beacon. The object vanished in all three radar centers at the same time.[23]

At 3 a.m., shortly before two United States Air Force F-94 Starfire jet fighters from New Castle Air Force Base in Delaware arrived over Washington, all of the objects vanished from the radar at National Airport. However, when the jets ran low on fuel and left, the objects returned, which convinced Barnes that "the UFOs were monitoring radio traffic and behaving accordingly".[21] The objects were last detected by radar at 5:30 a.m.

#### Publicity and Air Force reaction

The sightings of July 19–20, 1952, made front-page headlines in newspapers around the nation. A typical example was the headline from the Cedar Rapids Gazette in Iowa. It read "SAUCERS SWARM OVER CAPITAL" in large black type.[24] By coincidence, USAF Captain Edward J. Ruppelt, the supervisor of the Air Force's Project Blue Book investigation into UFO sightings, was in Washington at the time. However, he did not learn about the sightings until Monday, July 21, when he read the headlines in a Washington-area newspaper.[25] After talking with intelligence officers at the Pentagon about the sightings, Ruppelt spent several hours trying to obtain a staff car so he could travel around Washington to investigate the sightings, but was refused as only generals and senior colonels could use staff cars. He was told that he could rent a taxicab with his own money; by this point Ruppelt was so frustrated that he left Washington and flew back to Blue Book's headquarters at Wright-Patterson AFB in Dayton, Ohio. [26] Upon returning to Dayton, Ruppelt spoke with an Air Force radar specialist, Captain Roy James, who felt that unusual weather conditions could have caused the unknown radar targets.[27] On July 24, two Air Force colonels took off from Hamilton Air Force Base bound for Colorado Springs; they reported witnessing unidentified triangular objects.[28]

#### Night of July 26

At 8:15 p.m. on Saturday, July 26, 1952, a pilot and stewardess on a National Airlines flight into Washington observed some lights above their plane. Within minutes, both radar centers at National Airport, and the radar at Andrews AFB, were tracking more unknown objects.[29] USAF master sergeant Charles E. Cummings visually observed the objects at Andrews, he later said that "these lights did not have the characteristics of shooting stars. There was [sic] no trails ... they traveled faster than any shooting star I have ever seen." [21]

Meanwhile, Albert M. Chop, the press spokesman for Project Blue Book, arrived at National Airport and, due to security concerns, denied several reporters' requests to photograph the radar screens. He then joined the radar center personnel.[30] By this time (9:30 p.m.) the radar center was detecting unknown objects in every sector. At times the objects traveled slowly; at other times



they reversed direction and moved across the radarscope at speeds calculated at up to 7,000 mph (11,250 km/h).[31] At 11:30 p.m., two U.S. Air Force F-94 Starfire jet fighters from New Castle Air Force Base in Delaware arrived over Washington. Captain John McHugo, the flight leader, was vectored towards the radar blips but saw nothing, despite repeated attempts.[32] However, his wingman, Lieutenant William Patterson, did see four white "glows" and chased them.[33][17] He told investigators that "I tried to make contact with the bogies below 1,000 feet," and that "I was at my maximum speed but...I ceased chasing them because I saw no chance of overtaking them." [17] According to Albert Chop, when ground control asked Patterson "if he saw anything", Patterson replied "'I see them now and they're all around me. What should I do?'...And nobody answered, because we didn't know what to tell him." [21]

After midnight on July 27, USAF Major Dewey Fournet, Project Blue Book's liaison at the Pentagon, and Lt. John Holcomb, a United States Navy radar specialist, arrived at the radar center at National Airport.[17] During the night, Lieutenant Holcomb received a call from the Washington National Weather Station. They told him that a slight temperature inversion was present over the city, but Holcomb felt that the inversion was not "nearly strong enough to explain the 'good and solid' returns" on the radar scopes.[32] Fournet relayed that all those present in the radar room were convinced that the targets were most likely caused by solid metallic objects. There had been weather targets on the scope too, he said, but this was a common occurrence and the controllers "were paying no attention to them".[34] Two more F-94s from New Castle Air Force Base were scrambled during the night. One pilot saw nothing unusual; the other pilot saw a white light which "vanished" when he moved towards it.[27] Civilian aircraft also reported glowing objects that corresponded to radar blips seen by Andrews radar operators.[17] As on July 20, the sightings and unknown radar returns ended at sunrise.[35]

#### Air Force explanation

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Maj. Gen. John A. Samford's Statement on Flying Saucers

Air Force Major Generals John Samford, USAF Director of Intelligence, and Roger M. Ramey, USAF Director of Operations, held a well-attended press conference at the Pentagon on July 29, 1952. In his opening comments, Samford noted that, out of the hundreds of UFO reports in recent years investigated by the Air Force, there was "a certain percentage of this volume of reports that have been made by credible observers of relatively incredible things" but that none of them posed any national security threat.[36] At the event, Samford stated that the visual sightings over Washington could be explained as misidentified aerial phenomena such as stars or meteors, and unknown radar targets could be explained by temperature inversion, which was present in the air over Washington on both nights the radar returns were reported. In addition, Samford stated that the unknown radar contacts were not caused by solid material objects, and therefore posed no threat to national security. In response to a question as to whether the Air Force had recorded similar UFO radar contacts prior to the Washington incident, Samford said that there had been "hundreds" of such contacts where Air Force fighter interceptions had taken place, but stated that they were all "fruitless".[37] It was the largest Pentagon press conference since World War II.[38] Press stories called Samford and Ramey the Air Force's two top UFO experts.[39]

Among the witnesses who supported Samford's explanation was the crew of a B-25 bomber, which had been flying over Washington during the sightings of July 26-27. The bomber was vectored several times by National Airport over unknown targets on the airport's radarscopes, yet the crew could see nothing unusual. Finally, as a crew member related, "the radar had a target which turned out to be the Wilson Lines steamboat trip to Mount Vernon... the radar was sure as hell picking up the steamboat." [40] Air Force Captain Harold May was in the radar center at Andrews AFB during the sightings of July 19-20. Upon hearing that National Airport's radar had picked up an unknown object heading in his direction, May stepped outside and saw "a light that was changing from red to orange to green to red again...at times it dipped suddenly and appeared to lose

altitude." However, May eventually concluded that he was simply seeing a star that was distorted by the atmosphere, and that its "movement" was an illusion. [41] At 3 a.m. on July 27, an Eastern Airlines flight over Washington was told that an unknown object was in its vicinity; the crew could see nothing unusual. When they were told that the object had moved directly behind their plane, they began a sharp turn to try to see the object, but were told by National Airport's radar center that the object had "disappeared" when they began their turn.

At the request of the Air Force, the CAA's Technical Development and Evaluation Center did an analysis of the radar sightings. Their conclusion was that "a temperature inversion had been indicated in almost every instance when the unidentified radar targets or visual objects had been reported." [42] Project Blue Book would eventually label the unknown Washington radar blips as false images caused by temperature inversion, and the visual sightings as misidentified meteors, stars, and city lights. [43] In later years two prominent UFO skeptics, Donald Menzel, an astronomer at Harvard University, and Philip Klass, a senior editor for Aviation Week magazine, would also argue in favor of the temperature inversion/mirage hypothesis. [44] In 2002 Klass told a reporter that "radar technology in 1952 wasn't sophisticated enough to filter out many ordinary objects, such as flocks of birds, weather balloons, or temperature inversions." [21] The reporter added that "UFO proponents argue that even then seasoned controllers could differentiate between spurious targets and solid, metallic objects. Klass disagrees. It may be that 'we had two dumb controllers at National Airport on those nights'... [Klass] added that the introduction of digital filters in the 1970s led to a steep decline in UFO sightings on radar." [21]

In his 1965 book *Anatomy of a Phenomenon*, UFO researcher Jacques Vallée lists the 1952 Washington incident as an example of a widely discussed case which is "rather poor" and "in [UFO researchers'] files would be considered second-rate". [45]

#### Criticisms

In his book, *The Report On Unidentified Flying Objects*, author Edward J. Ruppelt wrote that radar and control tower personnel he spoke to, as well as some Air Force officers, disagreed with the Air Force's explanation. [40]

Michael Wertheimer, a researcher for the government-funded Condon Report, investigated the case in 1966, and stated that radar witnesses still disputed the Air Force explanation. [46]

Former radar controller Howard Cocklin told the Washington Post in 2002 that he was still convinced that he saw an object, stating that "I saw it on the [radar] screen and out the window" over Washington National Airport. [17]

#### White House concern and CIA interest

The sightings of July 26–27 also made front-page headlines, and led President Harry Truman to have his air force aide call Ruppelt and ask for an explanation of the sightings and unknown radar returns. Truman listened to the conversation between the two men on a separate phone, but did not ask questions himself. [47] Ruppelt, remembering the conversation he had with Captain James, told the president's assistant that the sightings might have been caused by a temperature inversion, in which a layer of warm, moist air covers a layer of cool, dry air closer to the ground. This condition can cause radar signals to bend and give false returns. However, Ruppelt had not yet interviewed any of the witnesses or conducted a formal investigation. [24]

CIA historian Gerald Haines, in his 1997 history of the CIA's involvement with UFOs, also mentions Truman's concern. "A massive buildup of sightings over the United States in 1952, especially in July, alarmed the Truman administration. On 19 and 20 July, radar scopes at Washington National Airport and Andrews Air Force Base tracked mysterious blips. On 27 July, the blips reappeared." [48] The CIA would react to the 1952 wave of UFO reports by "forming a special study group within the Office of Scientific Intelligence (OSI) and Office of Current

Intelligence (OCI) to review the situation. Edward Tauss reported for the group that most UFO sightings could be easily explained. Nonetheless, he recommended that the Agency continue monitoring the problem."[48] The CIA's concern with the issue would lead to the creation, in January 1953, of the Robertson Panel.[48]

#### The Robertson Panel

The extremely high numbers of UFO reports in 1952 disturbed both the Air Force and the Central Intelligence Agency (CIA). Both groups felt that an enemy nation could deliberately flood the U.S. with false UFO reports, causing mass panic and allowing them to launch a sneak attack. On September 24, 1952, the CIA's Office of Scientific Intelligence (OSI) sent a memorandum to Walter B. Smith, the CIA's Director. The memo stated that "the flying saucer situation ... [has] national security implications ... [in] the public concern with the phenomena ... lies the potential for the touching-off of mass hysteria and panic."[43] The result of this memorandum was the creation in January 1953 of the Robertson Panel.

Howard P. Robertson, a physicist, chaired the panel, which consisted of prominent scientists and which spent four days examining the "best" UFO cases collected by Project Blue Book. The panel dismissed nearly all of the UFO cases it examined as not representing anything unusual or threatening to national security. In the panel's controversial estimate, the Air Force and Project Blue Book needed to spend less time analyzing and studying UFO reports and more time publicly debunking them. The panel recommended that the Air Force and Project Blue Book should take steps to "strip the Unidentified Flying Objects of the special status they have been given and the aura of mystery they have unfortunately acquired."[49] Following the panel's recommendation, Project Blue Book would rarely publicize any UFO case that it had not labeled as "solved"; unsolved cases were rarely mentioned by the Air Force.

#### In popular culture

The tenth and final episode of the first season of the 2019 History Channel television series Project Blue Book is titled "The Washington Merry-Go-Round". It's based on the 1952 Washington, DC UFO incident.[50]

Several episodes of the 2021 Netflix series Top Secret UFO Projects Declassified refer to the 1952 Washington, DC UFO incident, including the first episode "Project Blue Book Unknown", which reenacts the incident with CGI and plays archival footage with several former witnesses.[51]

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vte  
UFOs

Categories: 1952 in Washington, D.C.1952 UFO flapCentral Intelligence AgencyCollective UFO sightingsUFO conspiracy theories in the United StatesUFO sightings in the United StatesJuly 1952 in the United StatesRonald Reagan Washington National Airport

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An unidentified flying object (UFO) is an object or phenomenon seen in the sky but not yet identified or explained. The term was coined when United States Air Force (USAF) investigations into flying saucers found too broad a range of shapes reported to consider them all saucers or discs. UFOs are also known as unidentified aerial phenomena or unidentified anomalous phenomena (UAP). Upon investigation, most UFOs are identified as known objects or atmospheric phenomena, while a small number remain unexplained.

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"UFO" redirects here. For other uses, see Unidentified flying object (disambiguation) and UFO (disambiguation).

Not to be confused with Unidentified submerged object.

Duration: 35 seconds.0:35Subtitles available.CC

"GIMBAL" Pentagon UFO video, January 2015

An unidentified flying object (UFO) is an object or phenomenon seen in the sky but not yet identified or explained. The term was coined when United States Air Force (USAF) investigations into flying saucers found too broad a range of shapes reported to consider them all saucers or discs.[1] UFOs are also known as unidentified aerial phenomena or unidentified anomalous phenomena (UAP).[2][3][4] Upon investigation, most UFOs are identified as known objects or atmospheric phenomena, while a small number remain unexplained.

UFOs and ufology

Flying saucer from the National Archives and Records Administration

Notable sightings

1947 wave1952 flapBarney and Betty HillBelgian waveCalvine photoChiles-WhittedFlatwoods monsterGorman dogfightKenneth Arnold sightingMantell crashMariana filmMcMinnville photosRendlesham ForestRoswellSightings in outer space'Swamp gas'Pentagon UFO videosPhoenix Lights

## Hoaxes

Alien autopsy hoaxTravis WaltonYankee Blue

Government investigations

Operação Prato - BrazilProject Magnet - CanadaGEIPAN - FranceInstitute 22 - Soviet UnionFlying Saucer Working Party - UKProject Condign - UKHistory of government investigations - USAAll-domain Anomaly Resolution Office - USNASA's UAP independent study team - USCondon Committee - USProject Blue Book - US

Conspiracy theories

Area 51Bob LazarMajestic 12Men in blackSerp

Lists of organizations, sightings, studies, etc.

UFO organizationsReported UFO sightingsSightings by countryInvestigations of UFOs by governmentsIdentification studies of UFOsUfologistsAlleged extraterrestrial beings

vte

While unusual sightings in the sky have been reported since at least the 3rd century BC, UFOs became culturally prominent after World War II, escalating during the Space Age. Studies and investigations into UFO reports conducted by governments (such as Project Blue Book in the United States and Project Condign in the United Kingdom), as well as by organisations and individuals have occurred over the years without confirmation of the fantastical claims of small but vocal groups of ufologists who favour unconventional or pseudoscientific hypotheses, often claiming that UFOs are evidence of extraterrestrial intelligence, technologically advanced cryptids, interdimensional contact or future time travelers. After decades of promotion of such ideas by believers and in popular media, the kind of evidence required to solidly support such claims has not been forthcoming. Scientists and skeptic organizations such as the Committee for Skeptical Inquiry have provided prosaic explanations for UFOs, namely that they are caused by natural phenomena, human technology, delusions, and hoaxes. Although certain beliefs surrounding UFOs have inspired parts of new religions, social scientists have identified the ongoing interest and storytelling surrounding UFOs as a modern example of folklore and mythology understandable with psychosocial explanations.

The problems of temporarily or permanently non-knowable anomalous phenomenon or perceived objects in flight is part of the philosophical subject epistemology.  
[5][6]

The U.S. government has two entities dedicated to UFO data collection and analysis: NASA's UAP independent study team and the Department of Defense All-domain Anomaly Resolution Office.

## Terminology

During the late 1940s and through the 1950s, UFOs were often called "flying saucers" or "flying discs" based on reporting of the Kenneth Arnold incident.[7] "Unidentified flying object" (UFO) has been in-use since 1947.[8] The acronym "UFO" was coined by Captain Edward J. Ruppelt for the USAF. He wrote, "Obviously the term 'flying saucer' is misleading when applied to objects of every conceivable shape and performance. For this reason the military prefers the more general, if less colorful, name: unidentified flying objects. UFO".[9] The term UFO became widespread during the 1950s, at first in technical literature, but later in popular use.[10][11] "Unidentified aerial phenomena" (UAP) first appeared in the late 1960s. UAP has seen increasing usage in the 21st century due to negative cultural associations with "UFO".[8] UAP is sometimes expanded as "unidentified anomalous phenomenon".[12][13]

While technically a UFO refers to any unidentified flying object, in modern popular culture the term UFO has generally become synonymous with alien spacecraft.[14] The term "extra-terrestrial vehicle" (ETV) is sometimes used to separate this explanation of UFOs from totally earthbound explanations.[15]

## Identification

Main article: Identification studies of UFOs

A Fata Morgana, a type of mirage in which objects located below the astronomical

horizon appear to be hovering in the sky just above the horizon, may be responsible for some UFO sightings.[16]  
Studies show that after careful investigation, the majority of UFOs can be identified as ordinary objects or phenomena. The 1952–1955 study for the USAF used the following categories: "Balloon; Astronomical; Aircraft; Light phenomenon; Birds, Clouds, dust, etc.; Insufficient information; Psychological manifestations; Unknown; and Other".[17] Identified sources of UFO reports are:

Aircraft (including military, civilian, and experimental aircraft as well as such peculiarities as aerial advertising, missile and other rocket launches, artificial satellites, the International Space Station, re-entering spacecraft including space debris, kites, and various unmanned aerial vehicles often popularly termed "drones") [18][19][20]

Astronomical objects (bright stars, bolides, bright planets, and the Moon) [18][20][21]

Balloons (surveillance balloons, toy balloons, weather balloons, large research balloons, and sky lanterns) [18][19][20][22]

Hoaxes [23][20][24]

Light phenomena (mirages, Fata Morgana, sundogs, ball lightning, moon dogs, satellite flares, lens flare, searchlights and other ground lights, etc.) [18][25][21]

Other atmospheric objects and phenomena (birds, unusual clouds, flares, plasma) [18][20]

Psychological effects (pareidolia, suggestibility and false memories, mass psychogenic disorders, optical illusions, and hallucinations) [26]

Twilight phenomenon from a Falcon 9 rocket launch

An individual 1979 study by CUFOS researcher Allan Hendry found, as did other investigations, that fewer than one percent of cases he investigated were hoaxes and most sightings were actually honest misidentifications of prosaic phenomena. Hendry attributed most of these to inexperience or misperception.[27] Astronomer Andrew Fraknoi rejected the hypothesis that UFOs are extraterrestrial spacecraft and responded to the "onslaught of credulous coverage" in books, films and entertainment by teaching his students to apply critical thinking to such claims, advising them that "being a good scientist is not unlike being a good detective". According to Fraknoi, UFO reports "might at first seem mysterious", but "the more you investigate, the more likely you are to find that there is LESS to these stories than meets the eye".[28]

## History

Early history before the 20th century

icon

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People have always observed the sky and have sometimes seen what, to some, appeared to be unusual sights including phenomena as varied as comets, bright meteors, one or more of the five planets that can be readily seen with the naked eye, planetary conjunctions, and atmospheric optical phenomena such as parhelia and lenticular clouds.[citation needed] One particularly famous example is Halley's Comet: first recorded by Chinese astronomers in 240 BC and possibly as early as 467 BC as a strange and unknown "guest light" in the sky.[29] As a bright comet that visits the inner solar system every 76 years, it was often identified as a unique isolated event in ancient historical documents whose authors were unaware that it was a repeating phenomenon.[citation needed] Such accounts in history often were treated as supernatural portents, angels, or other religious omens.[citation needed] While UFO enthusiasts have sometimes commented on the narrative similarities between certain religious symbols in medieval paintings and UFO reports,[30] the canonical and symbolic character of such images is documented by art historians placing more conventional religious interpretations on such images.[31]

Some examples of pre-contemporary reports about unusual aerial phenomena

include:

Julius Obsequens was a Roman writer who is believed to have lived in the middle of the fourth century AD. The only work associated with his name is the *Liber de prodigiis* (Book of Prodigiis), completely extracted from an epitome, or abridgment, written by Livy; *De prodigiis* was constructed as an account of the wonders and portents that occurred in Rome between 249 and 12 BCE. An aspect of Obsequens' work that has inspired excitement in some UFO enthusiasts is that he makes reference to things moving through the sky. The descriptions provided bear resemblance to observations of meteor showers. Obsequens was also writing some 400 years after the events he described, thus the text is not an eyewitness account. No corroboration with those amazing sights of old with contemporary observations was mentioned in that work.[32][33]

Shen Kuo (1031–1095), a Song Chinese government scholar-official and prolific polymath inventor, wrote a vivid passage in his *Dream Pool Essays* (1088) about an unidentified flying object. He recorded the testimony of eyewitnesses in 11th-century Anhui and Jiangsu (especially in the city of Yangzhou), who stated that a flying object with opening doors would shine a blinding light from its interior (from an object shaped like a pearl) that would cast shadows from trees for ten miles in radius, and was able to take off at tremendous speeds.[34]

The celestial phenomenon over Basel in 1566.

A woodcut by Hans Glaser that appeared in a broadsheet in 1561 has been featured in popular culture as the "celestial phenomenon over Nuremberg" and connected to various ancient astronaut claims.[35] Skeptic and debunker Jason Colavito argues that the woodcut is "a secondhand depiction of a particularly gaudy sundog", a known atmospheric optical phenomenon.[36] A similar report comes from 1566 over Basel and, indeed, in the 15th and 16th centuries, many leaflets wrote of "miracles" and "sky spectacles" which bear resemblance to natural phenomena which were only more fully characterized after the scientific revolution.[37] On January 25, 1878, the *Denison Daily News* printed an article in which John Martin, a local farmer, had reported seeing a large, dark, circular object resembling a balloon flying "at wonderful speed". Martin, according to the newspaper account, said it appeared to be about the size of a saucer from his perspective, one of the first uses of the word "saucer" in association with a UFO. At the time, ballooning was becoming an increasingly popular and sophisticated endeavor, and the first controlled-flights of such devices were occurring around that time.[38]

UFO-like alleged sightings before the 20th century

1561 celestial phenomenon over Nuremberg as printed in an illustrated news notice.

November 22, 1896 illustration of a "mystery airship" published in *The San Francisco Call*

November 29, 1896 illustration of another "mystery airship" published in *The San Francisco Call*

"Mystery airship" illustrated in *The St. Paul Globe*, April 13, 1897

From November 1896 to April 1897, United States newspapers carried numerous reports of "mystery airships" that are reminiscent of modern UFO waves.[39] Scores of people even reported talking to the pilots. Some people feared that Thomas Edison had created an artificial star that could fly around the country. On April 16, 1897, a letter was found that purported to be an enciphered communication between an airship operator and Edison.[40] When asked his opinion of such reports, Edison said, "You can take it from me that it is a pure fake." [41] The coverage of Edison's denial marked the end of major newspaper coverage of the airships in this period.[42]

20th century and after

See also: Investigation of UFO reports by the United States government and UFO conspiracy theories

In the Pacific and European theatres during World War II, round, glowing fireballs known as "foo fighters" were reported by Allied and Axis pilots. Some



explanations for these sightings included St. Elmo's fire, the planet Venus, hallucinations from oxygen deprivation, and German secret weapons (specifically rockets).[43] In 1946, more than 2,000 reports were collected, primarily by the Swedish military, of unidentified aerial objects over the Scandinavian nations, along with isolated reports from France, Portugal, Spain, Italy, and Greece. The objects were referred to as "Russian hail" (and later as "ghost rockets") because it was thought the mysterious objects were possibly Russian tests of captured German V1 or V2 rockets, but most were identified as natural phenomena as meteors.[44]

Science fiction depictions of spacecraft similar to flying saucers before the first widely-reported UFO sighting in 1947

Illustration from 1903 by Henrique Alvim Corrêa showing the first Martian emerging from a cylinder that had fallen from the sky for an edition of The War of the Worlds by H. G. Wells.

Cover of French pulp magazine Le Chevalier Illusion from December 29, 1912 portraying a flying machine spreading a toxic gas among the passengers and crew of a ship below

A "space flyer" depicted on the February 1912 cover of Modern Electrics as an illustration for the science fiction story Ralph 124C 41+ by Hugo Gernsback

Illustration by Frank R. Paul from February 1922 in Science and Invention showing Nikola Tesla's vision of warfare in the future with sea and air craft "controlled and directed" by radio waves

Illustration for a story by Hugo Gernsback in pulp science fiction magazine Amazing Stories from April 1928 (originally published on 1915 with similar illustrations in The Electrical Experimenter)

Depiction of a flying saucer by illustrator Frank R. Paul on the October 1929 issue of Hugo Gernsback's pulp science fiction magazine Science Wonder Stories

Cover of Amazing Stories winter 1930 issue depicting a disc-shaped spacecraft

Back cover of Amazing Stories illustrated by Frank R. Paul in August 1946 featuring many disc-shaped spacecraft (published about a year before the flying disc wave of 1947)

Many scholars, especially those arguing for the psychosocial UFO hypothesis, have noted that UFO characteristics reported after the first widely publicized modern sighting by Kenneth Arnold in 1947 resembled a host of science fiction tropes from earlier in the century.[45][46][47][48][49][50][51]

By most accounts, the popular UFO craze in the US began with a media frenzy surrounding the reports on June 24, 1947, of a civilian pilot named Kenneth Arnold who described seeing "a group of bat-like aircraft flying in formation at high speeds" near Mount Rainier that he said were "moving like a saucer would if skipped across water" which led to headlines about "flying saucers" and "flying discs".[52][53][54][55] Only weeks after Arnold's story was reported in 1947, Gallup published a poll asking people in the United States what the "flying saucers" might be. Already, 90% had heard of the new term. However, as reported by historian Greg Eghanian, "a majority either had no idea what they could be or thought that witnesses were mistaken" while "visitors from space were not initially among the options that anyone had in mind, and Gallup didn't even mention if anyone surveyed brought up aliens.[53][56][57]

Within weeks, reports of flying saucer sightings became a daily occurrence[58] with one particularly famous example being the Roswell incident in 1947 where remnants of a downed observation balloon were recovered by a farmer and confiscated by military personnel.[59] UFO enthusiasts in the early 1950s started to organize local "saucer clubs" modeled after science fiction fan clubs of the 1930s and 1940s, with some growing to national and international

prominence within a decade.[53] In 1950, three influential books were published—Donald Keyhoe's *The Flying Saucers Are Real*, Frank Scully's *Behind the Flying Saucers*, and Gerald Heard's *The Riddle of the Flying Saucers*. Each guilelessly proposed that the extraterrestrial UFO hypothesis was the correct explanation and that the visits were in response to detonations of atomic weapons. These books also introduced Americans to, as Eghanian puts it, "the crusading whistleblower dedicated to breaking the silence over the alien origins of unidentified flying objects".[53]

#### Jung in 1955

Media accounts and speculation ran rampant in the U.S., especially in connection to the 1952 UFO scare in Washington, D.C. so that, by 1953, the intelligence officials (Robertson Panel) worried that "genuine incursions" by enemy aircraft "over U.S. territory could be lost in a maelstrom of kooky hallucination" of UFO reports.[60] A Trendex survey in August 1957, ten years after the Arnold incident, reported that over 25% of the U.S. public "believed unidentified flying objects could be from outer space".[53] The cultural phenomenon showed up within some intellectual works such as the 1959 publication of *Flying Saucers: A Modern Myth of Things Seen in the Sky* by Carl Jung, a Swiss psychiatrist and psychoanalyst who founded analytical psychology.[61]

Starting in 1947, the U.S. Air Force began to record and investigated UFO reports with Project Sign looking into "more than 250 cases" from 1947 to 1949. It was replaced by Project Grudge up through 1951.[62] In the third U.S. Air Force program, from March 1952 to its termination in December 1969,[63] "the U.S. Air Force cataloged 12,618 sightings of UFOs as part of what is now known as Project Blue Book".[64] In the late 1950s, public pressure mounted for a full declassification of all UFO records, but the CIA played a role in refusing to allow this.[65] This sense was not universal in the CIA, however, as fellow NICAP official Donald E. Keyhoe wrote that Vice Admiral Roscoe Hillenkoetter, the first director of the CIA, "wanted public disclosure of UFO evidence".[66] Official U.S. Air Force interest in UFO reports went on hiatus in 1969 after a study by the University of Colorado led by Edward U. Condon and known as the Condon Report concluded "that nothing has come from the study of UFOs in the past 21 years that has added to scientific knowledge" and that further time investigating UFO reports "cannot be justified".[64]

#### Cover of the 1953 book *The Flying Saucers Are Real* by Donald Keyhoe

Cover of the pulp science fiction magazine *Amazing Stories* from October 1957  
From the 1960s to 1990s, UFOs were part of American popular culture's obsession with the supernatural and paranormal. In 1961, the first alien abduction account was sensationalized when Barney and Betty Hill underwent hypnosis after seeing a UFO and reported recovered memories of their experience that became ever more elaborate as the years went by.[67] In 1966, 5% of Americans reported to Gallup that "they had at some time seen something they thought was a 'flying saucer'", 96% said "they had heard or read about flying saucers", and 46% of these "thought they were 'something real' rather than just people's imagination".[68] Responding to UFO enthusiasm, there have always been consistent yet less popular efforts made at debunking many of the claims,[53] and at times the media was enlisted including a 1966 TV special, "UFO: Friend, Foe or Fantasy?", in which Walter Cronkite "patiently" explained to viewers that UFOs were fantasy.[60] Cronkite enlisted Carl Sagan and J. Allen Hynek, who told Cronkite, "To this time, there is no valid scientific proof that we have been visited by spaceships".[69]

Such attempts to disenchant the zeitgeist were not very successful at tamping down the mania. Keith Kloor notes that the "allure of flying saucers" remained popular with the public into the 1970s, spurring production of such sci-fi films, as *Close Encounters of the Third Kind* and *Alien*, which "continued to stoke public fascination". Meanwhile, Leonard Nimoy narrated a popular occult and mystery TV series *In Search of...* while daytime talk shows of Mike Douglas,

Merv Griffin, and Phil Donahue featured interviews with alien abductees and people who credulously reported stories about UFOs .[53] In the 1980s and 1990s, UFO stories featured in such pulp "true crime" serials as Unsolved Mysteries[70] while the 33 Volume Time-Life series Mysteries of the Unknown which featured UFO stories sold some 700,000 copies.[71] Kloor writes that by the late 1990s, "other big UFO subthemes had been prominently introduced into pop culture, such as the abduction phenomenon and government conspiracy narrative, via best-selling books and, of course, The X-Files".[69]

Eghigian notes that, by this point, the UFO problem had become "far more interesting to ponder than to actually solve." [53] Interest was particularly fevered in the 1990s with the publicity surrounding the television broadcast of an Alien autopsy video marketed as "real footage" but later admitted to be a staged "re-enactment".[72] Eghigian writes that "there had always been outlier abduction reports dating back to the '50s and '60s" but that in the '80s and '90s "the floodgates opened, and with them a new generation of UFO advocates". Leaders among them were the artist Budd Hopkins, horror writer Whitley Strieber, historian David Jacobs, and Harvard psychiatrist John Mack. They all defended the "veracity of those claiming to have been kidnapped, examined, and experimented upon by beings from another world", writes Eghigian, as "new missionaries who simultaneously played the role of investigator, therapist, and advocate to their vulnerable charges".[53] Eghigian says that Mack "signaled both the culmination and end of the headiest days of alien abduction". When Mack began working with and publishing accounts of abductees—or "experiencers", as he called them—in the early 1990s, he brought a sense of legitimacy to "the study of extraterrestrial captivity". By the late 1990s, however, the Harvard Medical School initiated a review of his position which allowed him to retain tenure. However, after this review, as the review board chairman Arnold Relman later put it, Mack was "not taken seriously by his colleagues anymore". Claims of alien abduction have continued, but no other clinicians would continue to speak of them as real in any sense.[53] Nonetheless, these ideas persisted in popular opinion. According to a 1996 poll by Newsweek, 20% of Americans believed that UFOs were more likely to be proof of alien life than to have a natural scientific explanation.[73]

In December 2017, a new round of media attention started when The New York Times broke the story of the secret Advanced Aviation Threat Identification Program that was funded from 2007 to 2012 with \$22 million spent on the program.[74][75] Following this story, along with a series of sensationalized Pentagon UFO videos leaked by members of the program who became convinced that UFOs were genuine mysteries worth investigating, there was an increase in mainstream attention to UFO stories. In July 2021, Harvard astronomer Avi Loeb announced the creation of his Galileo Project which intended to use high-tech astronomical equipment to seek evidence of extraterrestrial artifacts in space and possibly within Earth's atmosphere. This was followed closely by the publication of Loeb's book Extraterrestrial, in which he argued that the first interstellar comet ever observed, 'Oumuamua, might be an artificial light sail made by an alien civilization.[53] Two government sponsored programs, NASA's UAP independent study team and the All-domain Anomaly Resolution Office were charged in part by Congressional fiat to investigate UFO claims more fully,[76][77][78] adopting the new moniker "unexplained aerial phenomenon" (UAP) to avoid associations with past sensationalism.[79] On 17 May 2022, members of the United States House Intelligence Subcommittee on Counterterrorism, Counterintelligence and Counterproliferation held congressional hearings with top military officials to discuss military reports of UAPs.[80] It was the first public congressional hearing into UFO sightings in the US in over 50 years. Another Congressional hearing took place on July 26, 2023, featuring the whistleblower claims of former U.S. Air Force (USAF) officer and intelligence official David Grusch.[81][82][83]

A Harris Poll in 2009 found that 32% of Americans "believe in UFOs".[84] A National Geographic study in June 2012 found that 36% of Americans believe UFOs exist and that 10% thought that they had spotted one.[85] In June 2021 a Pew research poll found that 51% in the United States thought that UFOs reported by

people in the military were likely to be evidence of intelligent life from beyond the Earth.[86] In August 2021, Gallup, with a question not specific to military reports, only found that 41% of adults believed some UFOs involve alien spacecraft from other planets. This Gallup poll showed 44% of men and 38% of women believed this. This average of 41% in 2021 was up from 33% in a 2019 Gallup poll with the same question. Gallup further found that college graduates went in 2019 from being the least likely educational group to believe this to being on par in 2021 with adults who have no college education.[87] An October 2022 poll by YouGov only found that 34% of Americans believe that UFOs are likely to involve alien life forms.[88]

Historian Greg Eghigian wrote in August 2021 that "over the last fifty years, the mutual antagonism between paranormal believers and skeptics has largely framed discussion about unidentified flying objects" and that "it often gets personal" with those taking seriously the prospect that UFOs are extraterrestrial in origin dismissing those who consider UFOs to be worth studying as "narrow-minded, biased, obstinate, and cruel" while the skeptics brushed off "devotees" as "naïve, ignorant, gullible, and downright dangerous". Such "mudslinging over convictions is certainly familiar to historians of religion, a domain of human existence marked by deep divisions over interpretations of belief", and science too has found itself engaged increasing amounts of "boundary work" (which is "asserting and reasserting the borders between legitimate and illegitimate scientific research and ideas, between what may and what may not refer to itself as science") with regard to UFO questions. Eghigian points out our current "stark divide did not happen overnight, and its roots lie in the postwar decades, in a series of events that—with their news coverage, grainy images, celebrity crusaders, exasperated skeptics, unsatisfying military statements, and accusations of a government cover-up—foreshadow our present moment".[53]

UFOs have been taken up by religious studies scholars in various scholarly books.[89][90][91] Jeffrey Kripal, chair of the Department of Religion at Rice University, has said that "both the material and the mental dimensions [of UFOs] are incredibly important to get a sense of the full picture".[92] As Adrian Horton writes "from The X-Files to Men in Black, Close Encounters of the Third Kind to Star Wars to Marvel, Hollywood has for decades provided an engrossing feedback loop for interest in the extraterrestrial: a reflection of our fears and capaciousness, whose ubiquitous popularity has in turn fueled more interest in UFOs as perennially compelling entertainment tropes not to be taken seriously". Horton observes that these "alien movies have generally reflected shifting cultural anxieties, from the existential terror of nuclear war to foreign enslavement to loss of bodily control". American entertainment has explored both "hostile aliens" as well as the "benevolent, world-expanding encounters" seen in films such as Steven Spielberg's Close Encounters of the Third Kind and E.T. the Extra-Terrestrial.[93] In her research on the relationship of media to UFO beliefs, Diana Walsh Pasulka, a professor of philosophy and religion at the University of North Carolina, says that what is seen on a screen, "if it conforms to certain criteria, is interpreted as real, even if it is not real and even if one knows it is not real" and that "screen images embed themselves in one's brain and memories" in ways that "can determine how one views one's past and even determine one's future behaviors".[94]

#### Investigations of reports

UFOs have been subject to investigations over the years that varied widely in scope and scientific rigor. Governments or independent academics in the United States, Canada, the United Kingdom, Japan, Peru, France, Belgium, Sweden, Brazil, Chile, Uruguay, Mexico, Spain, and the Soviet Union are known to have investigated UFO reports at various times. No official government investigation has ever publicly concluded that UFOs are indisputably real, physical objects, extraterrestrial in origin, or of concern to national defense.

Among the best known government studies are the ghost rockets investigation by the Swedish military (1946–1947), Project Blue Book, previously Project Sign and Project Grudge, conducted by the USAF from 1947 until 1969, the secret U.S.

Army/Air Force Project Twinkle investigation into green fireballs (1948-1951), the secret USAF Project Blue Book Special Report No. 14[95] by the Battelle Memorial Institute, and the Brazilian Air Force's 1977 Operação Prato (Operation Saucer). France has had an ongoing investigation (GEPAN/SEPRA/GEIPAN) within its space agency Centre national d'études spatiales (CNES) since 1977; the government of Uruguay has had a similar investigation since 1989.

#### Americas

##### Brazil (1952-2016)

A document about a sighting of a UFO that occurred on December 16, 1977, in the state of Bahia, Brazil

On October 31, 2008, the National Archives of Brazil began receiving from the Aeronautical Documentation and History Center part of the documentation of the Brazilian Air Force regarding the investigation of the appearance of UFOs in Brazil. Currently, this collection gathers cases between 1952 and 2016.[96]

##### Chile (c. 1968)

In 1968, the SEFAA (previously CEFAA) began receiving case reports of the general public, civil aviators and the Chilean Air Force regarding the sightings or the appearance of UFOs in Chile, the initial work was an initiative of Sergio Bravo Flores who led the Chilean Committee for the Study of Unidentified Space Phenomena, supported even by the Chilean Scientific Society. Currently, the organization changed its denomination to SEFAA and its a department of the DGAC(Chile) which in turn depends on the Chilean Air Force.[97]

##### Canada (c. 1950)

In Canada, the Department of National Defence has dealt with reports, sightings and investigations of UFOs across Canada. In addition to conducting investigations into crop circles in Duhamel, Alberta, it still considers "unsolved" the Falcon Lake incident in Manitoba and the Shag Harbour UFO incident in Nova Scotia.[98]

Early Canadian studies included Project Magnet (1950-1954) and Project Second Storey (1952-1954), supported by the Defence Research Board.

#### United States

##### Synopsis

U.S. investigations into UFOs include:

Project Sign, by the Air Materiel Command (AMC) USAF, precursor to Project Grudge, 1948.

Ghost rockets investigations by the Finnish, Swedish and British militaries, later the US and Greece, 1946-1947.

Project Grudge, USAF from February 1949, succeeded by Project Blue Book, from March 1952.

Project Twinkle investigation into green fireballs, by the U.S. Army/Air Force, briefly, from December 1949.

The Central Intelligence Agency Directorate of Science & Technology (DS&T), study 1952-53.

The Report on Unidentified Flying Objects, by USAF Cpt (rtd.), later director of Project Blue Book, 1956.

The Project Blue Book Special Report No. 14 by the Battelle Memorial Institute for USAF, 1951-1954

The Aerial Phenomena Research Organization (APRO), a private research group, 1952-1988.

The Robertson Panel was a scientific committee which met in January 1953 to review the Project Blue Book report January 1953

The Brookings Report, Proposed Studies on the Implications of Peaceful Space Activities for Human Affairs, in conjunction with NASA's Committee on Long-Range Studies, reported to Congress 1960

The Condon Committee, an informal University of Colorado UFO Project funded by the USAF, 1966 to 1968.

The RAND Corporation study, a private and internal study, 1968.[99]

The Mutual UFO Network (MUFON), is a US-based, civilian, non-profit, volunteer organization studying reported UFO sightings, May 1969 and continuing.  
The National Investigations Committee On Aerial Phenomena (NICAP) is a UFO research group most active in the United States from the 1950s to the 1980 and remains as an informational depository on UFO phenomena.  
The Center for UFO Studies (CUFOS), a privately funded UFO research group, 1973 and continuing.

The Sturrock panel, private investigation arising from the Society for Scientific Exploration, 1982.

The Advanced Aerospace Threat Identification Program which was funded from 2007 to 2012.[74][75]

The All-domain Anomaly Resolution Office, a continuing program within the United States Office of Naval Intelligence which was acknowledged in 2017.

The Airborne Object Identification and Management Synchronization Group, the Pentagon, to investigate unidentified objects that may compromise the airspace of the United States, from November 24, 2021, ongoing.[100]

In addition to these, thousands of documents released under FOIA also indicate that many U.S. intelligence agencies collected (and still collect) information on UFOs. These agencies include the Defense Intelligence Agency (DIA), FBI,[101] CIA, National Security Agency (NSA), as well as military intelligence agencies of the Army and U.S. Navy, in addition to the Air Force.[note 1]

#### USAAF and FBI response to the 1947 sightings

This section may be unbalanced towards certain viewpoints. Please improve the article or discuss the issue on the talk page. (November 2021)

Following the large U.S. surge in sightings in June and early July 1947, on July 9, 1947, United States Army Air Forces (USAAF) intelligence, in cooperation with the FBI,[101] began a formal investigation into selected sightings with characteristics that could not be immediately rationalized, such as Kenneth Arnold's. The USAAF used "all of its top scientists" to determine whether "such a phenomenon could, in fact, occur". The research was "being conducted with the thought that the flying objects might be a celestial phenomenon," or that "they might be a foreign body mechanically devised and controlled." [102] Three weeks later in a preliminary defense estimate, the air force investigation decided that, "This 'flying saucer' situation is not all imaginary or seeing too much in some natural phenomenon. Something is really flying around." [103]

A further review by the intelligence and technical divisions of the Air Materiel Command at Wright Field reached the same conclusion. It reported that "the phenomenon is something real and not visionary or fictitious," and there were disc-shaped objects, metallic in appearance, as big as man-made aircraft. They were characterized by "extreme rates of climb [and] maneuverability", general lack of noise, absence of a trail, occasional formation flying, and "evasive" behavior "when sighted or contacted by friendly aircraft and radar", suggesting a controlled craft. It was therefore recommended in late September 1947 that an official Air Force investigation be set up. It was also recommended that other government agencies should assist in the investigation.[note 2]

#### USAF

Projects Sign (1947–1949), Grudge (1948–1951), and Blue Book (1951–1970)

Main articles: Project Sign, Project Grudge, and Project Blue Book

Project Sign's final report, published in early 1949, stated that while some UFOs appeared to represent actual aircraft, there was not enough data to determine their origin.[104]

The Air Force's Project Sign was created at the end of 1947, and was one of the earliest government studies to come to a secret extraterrestrial conclusion. In August 1948, Sign investigators wrote a top-secret intelligence estimate to that effect, but the Air Force Chief of Staff Hoyt Vandenberg ordered it destroyed. The existence of this suppressed report was revealed by several insiders who had read it, such as astronomer and USAF consultant J. Allen Hynek and Capt. Edward J. Ruppelt, the first head of the USAF's Project Blue Book.[105]

Another highly classified U.S. study was conducted by the CIA's Office of Scientific Investigation (OS/I) in the latter half of 1952 in response to orders from the National Security Council (NSC). This study concluded UFOs were real physical objects of potential threat to national security. One OS/I memo to the CIA Director (DCI) in December read that "the reports of incidents convince us that there is something going on that must have immediate attention ... Sightings of unexplained objects at great altitudes and traveling at high speeds in the vicinity of major U.S. defense installations are of such a nature that they are not attributable to natural phenomena or any known types of aerial vehicles." [106]

The matter was considered so urgent that OS/I drafted a memorandum from the DCI to the NSC proposing that the NSC establish an investigation of UFOs as a priority project throughout the intelligence and the defense research and development community. It also urged the DCI to establish an external research project of top-level scientists, now known as the Robertson Panel to analyze the problem of UFOs. The OS/I investigation was called off after the Robertson Panel's negative conclusions in January 1953. [106]

Project Sign was dismantled and became Project Grudge at the end of 1948. Angered by the low quality of investigations by Grudge, the Air Force Director of Intelligence reorganized it as Project Blue Book in late 1951, placing Ruppelt in charge. J. Allen Hynek, a trained astronomer who served as a scientific advisor for Project Blue Book, was initially skeptical of UFO reports, but eventually came to the conclusion that many of them could not be satisfactorily explained and was highly critical of what he described as "the cavalier disregard by Project Blue Book of the principles of scientific investigation". [107] Leaving government work, he founded the privately funded CUFOS, to whose work he devoted the rest of his life. Other private groups studying the phenomenon include the MUFON, a grassroots organization whose investigator's handbooks go into great detail on the documentation of alleged UFO sightings.

#### USAF Regulation 200-2 (1953-1954)

Air Force Regulation 200-2, [108] issued in 1953 and 1954, defined an Unidentified Flying Object ("UFOB") as "any airborne object which by performance, aerodynamic characteristics, or unusual features, does not conform to any presently known aircraft or missile type, or which cannot be positively identified as a familiar object." The regulation also said UFOBs were to be investigated as a "possible threat to the security of the United States" and "to determine technical aspects involved." The regulation went on to say that "it is permissible to inform news media representatives on UFOB's when the object is positively identified as a familiar object" but added: "For those objects which are not explainable, only the fact that ATIC [Air Technical Intelligence Center] will analyze the data is worthy of release, due to many unknowns involved." [108]

#### Blue Book and the Condon Committee (1968-1970)

Main article: Condon Committee

A public research effort conducted by the Condon Committee for the USAF and published as the Condon Report arrived at a negative conclusion in 1968. [109] Blue Book closed down in 1970, using the Condon Committee's negative conclusion as a rationale, thus ending official Air Force UFO investigations. However, a 1969 USAF document, known as the Bolender memo, along with later government documents, revealed that non-public U.S. government UFO investigations continued after 1970. The Bolender memo first stated that "reports of unidentified flying objects that could affect national security ... are not part of the Blue Book system," indicating that more serious UFO incidents already were handled outside the public Blue Book investigation. The memo then added, "reports of UFOs which could affect national security would continue to be handled through the standard Air Force procedures designed for this purpose." [note 3]

In the late 1960s, a chapter on UFOs in the Space Sciences course at the U.S. Air Force Academy gave serious consideration to possible extraterrestrial origins. When word of the curriculum became public, in 1970, the Air Force

issued a statement to the effect that the book was outdated and cadets instead were being informed of the Condon Report's negative conclusion.[110]

Controversy surrounded the report, both before and after its release. It has been observed that the report was "harshly criticized by numerous scientists, particularly at the powerful AIAA ... [which] recommended moderate, but continuous scientific work on UFOs." [109] In an address to the AAAS, James E. McDonald said he believed science had failed to mount adequate studies of the problem and criticized the Condon Report and earlier studies by the USAF as scientifically deficient. He also questioned the basis for Condon's conclusions[111] and argued that the reports of UFOs have been "laughed out of scientific court".[112] J. Allen Hynek, an astronomer who worked as a USAF consultant from 1948, sharply criticized the Condon Committee Report and later wrote two nontechnical books that set forth the case for continuing to investigate UFO reports.

Ruppelt recounted his experiences with Project Blue Book, a USAF investigation that preceded Condon's.[113]

FOIA release of documents in 1978

According to a 1979 New York Times report, "records from the C.I.A., the F.B.I. and other Federal agencies" ("about 900 documents—nearly 900 pages of memos, reports and correspondence") obtained in 1978 through the Freedom of Information Act request, indicate that "despite official pronouncements for decades that U.F.O.'s were nothing more than misidentified aerial objects and as such were no cause for alarm ... the phenomenon has aroused much serious behind-the-scenes concern" in the US government. In particular, officials were concerned over the "approximately 10%" of UFO sightings which remained unexplained, and whether they might be Soviet aircraft and a threat to national security.[114] Officials were concerned about the "risk of false alerts", of "falsely identifying the real as phantom", and of mass hysteria caused by sightings. In 1947, Brigadier General George F. Schulgen of Army Air Corps Intelligence, warned "the first reported sightings might have been by individuals of Communist sympathies with the view to causing hysteria and fear of a secret Russian weapon." [114]

White House statement of November 2011

In November 2011, the White House released an official response to two petitions asking the U.S. government to acknowledge formally that aliens have visited this planet and to disclose any intentional withholding of government interactions with extraterrestrial beings. According to the response:

The U.S. government has no evidence that any life exists outside our planet, or that an extraterrestrial presence has contacted or engaged any member of the human race...no credible information to suggest that any evidence is being hidden from the public's eye....

—Statement by the White House[115][116]

The response further noted that efforts, like SETI and NASA's Kepler space telescope and Mars Science Laboratory, continue looking for signs of life. The response noted "odds are pretty high" that there may be life on other planets but "the odds of us making contact with any of them—especially any intelligent ones—are extremely small, given the distances involved." [115][116]

ODNI report 2021

On June 25, 2021, the Office of the Director of National Intelligence released a report on UAPs.[117] The report found that the UAPTF was unable to identify 143 objects spotted between 2004 and 2021. The report said that 18 of these featured unusual movement patterns or flight characteristics, adding that more analysis was needed to determine if those sightings represented "breakthrough" technology. The report said that "some of these steps are resource-intensive and would require additional investment." [118] The report did not link the sightings to extraterrestrial life.[119][120]

Uruguay (c. 1989)



The Uruguayan Air Force has conducted UFO investigations since 1989 and reportedly analyzed 2,100 cases of which they regard approximately 2% as lacking explanation.[121]

## Europe

### Finland (1967–1971)

Main article: UFOs of Pudasjärvi

See also: Finnish Air Force UFO sighting

Many people reported UFO sightings in and around the Pudasjärvi area in the North Ostrobothnia region in the late 1960s and early 1970s.[122][123][124] UFO researchers and the press only became interested in UFOs in the area after a sighting in September 1969, after which UFO researchers from other parts of Finland and Sweden visited the area.[122] An earthquake light has been proposed as an explanation for the Pudasjärvi phenomena.[125]

### France (1977–2008)

In March 2007, the French space agency CNES published an archive of UFO sightings and other phenomena online.[126]

French studies include GEPAN/SEPRA/GEIPAN within CNES (French space agency), the longest ongoing government-sponsored investigation. About 22% of the 6,000 cases studied remain unexplained.[127] The official opinion of GEPAN/SEPRA/GEIPAN has been neutral, stating on their FAQ page that their mission is fact-finding for the scientific community, not rendering an opinion. They add they can neither prove nor disprove the Extraterrestrial Hypothesis (ETH), but their Steering Committee's clear position is that they cannot discard the possibility that some fraction of the very strange 22% of unexplained cases might be due to distant and advanced civilizations.[128]

Possibly their bias may be indicated by their use of the terms "PAN" (French) or "UAP" (English equivalent) for "Unidentified Aerospace Phenomenon" (whereas "UAP" is normally used by English organizations stands for "Unidentified Aerial Phenomenon", a more neutral term). In addition, the three heads of the studies have gone on record in stating that UFOs were real physical flying machines beyond our knowledge or that the best explanation for the most inexplicable cases was an extraterrestrial one.[129][130][131] In 2007, the CNES's own report stated that, at that time, 28% of sightings remained unidentified.[132]

In 2008, Michel Scheller, president of the Association Aéronautique et Astronautique de France (3AF), created the Sigma Commission. Its purpose was to investigate UFO phenomena worldwide.[133] A progress report published in May 2010 stated that the central hypothesis proposed by the COMETA report is perfectly credible.[134] In December 2012, the final report of the Sigma Commission was submitted to Scheller. Following the submission of the final report, the Sigma2 Commission is to be formed with a mandate to continue the scientific investigation of UFO phenomena.[135][136]

### Italy (1933–2005)

Alleged UFO sightings gradually increased since the war, peaking in 1978 and 2005. The total number of sightings since 1947 are 18,500, of which 90% are identifiable.[137]

### United Kingdom (1951–2009)

This section needs to be updated. Please help update this article to reflect recent events or newly available information. (December 2020)

The UK's Flying Saucer Working Party published its final report in June 1951, which remained secret for over fifty years. The Working Party concluded that all UFO sightings could be explained as misidentifications of ordinary objects or phenomena, optical illusions, psychological misperceptions/aberrations, or hoaxes. The report stated: "We accordingly recommend very strongly that no further investigation of reported mysterious aerial phenomena be undertaken, unless and until some material evidence becomes available." [138]

Eight file collections on UFO sightings, dating from 1978 to 1987, were first released on May 14, 2008, to The National Archives by the Ministry of Defence (MoD).[139] Although kept secret from the public for many years, most of the files have low levels of classification and none are classified Top Secret. 200 files are set to be made public by 2012. The files are correspondence from the public sent to the British government and officials, such as the MoD and Margaret Thatcher. The MoD released the files under the Freedom of Information Act due to requests from researchers.[140] These files include, but are not limited to, UFOs over Liverpool and Waterloo Bridge in London.[141]

On October 20, 2008, more UFO files were released. One case released detailed that in 1991 an Alitalia passenger aircraft was approaching London Heathrow Airport when the pilots saw what they described as a "cruise missile" fly extremely close to the cockpit. The pilots believed a collision was imminent. UFO expert David Clarke says this is one of the most convincing cases for a UFO he has come across.[142]

A secret study of UFOs was undertaken for the Ministry of Defence between 1996 and 2000 and was code-named Project Condign. The resulting report, titled "Unidentified Aerial Phenomena in the UK Defence Region", was publicly released in 2006, but the identity and credentials of whoever constituted Project Condign remains classified. The report confirmed earlier findings that the main causes of UFO sightings are misidentification of man-made and natural objects. The report noted: "No artefacts of unknown or unexplained origin have been reported or handed to the UK authorities, despite thousands of Unidentified Aerial Phenomena reports. There are no SIGINT, ELINT or radiation measurements and little useful video or still IMINT." [143]

It concluded: "There is no evidence that any UAP, seen in the UKADR [UK Air Defence Region], are incursions by air-objects of any intelligent (extraterrestrial or foreign) origin, or that they represent any hostile intent." A little-discussed conclusion of the report was that novel meteorological plasma phenomenon akin to ball lightning are responsible for "the majority, if not all" of otherwise inexplicable sightings, especially reports of black triangle UFOs.[143]

On December 1, 2009, the Ministry of Defence quietly closed down its UFO investigations unit. The unit's hotline and email address were suspended by the MoD on that date. The MoD said there was no value in continuing to receive and investigate sightings in a release, stating that "in over fifty years, no UFO report has revealed any evidence of a potential threat to the United Kingdom. The MoD has no specific capability for identifying the nature of such sightings. There is no Defence benefit in such investigation and it would be an inappropriate use of defence resources. Furthermore, responding to reported UFO sightings diverts MoD resources from tasks that are relevant to Defence." The Guardian reported that the MoD claimed the closure would save the Ministry around £50,000 a year. The MoD said it would continue to release UFO files to the public through The National Archives.[144]

UFO reports, Parliamentary questions, and letters from members of the public were released on August 5, 2010, to the UK National Archives. "In one letter included in the files, a man alleges Churchill ordered a coverup of a WW II-era UFO encounter involving the Royal Air Force".[145][139]

Reports of UFO sightings continue. According to The Independent, there were 957 reported UFO sightings across the UK between January 2021 and May 2023, with Manchester, London, Liverpool, and Glasgow being hotspots.[146]

## Studies

Critics argue that all UFO evidence is anecdotal[147] and can be explained as prosaic natural phenomena. Defenders of UFO research counter that knowledge of observational data, other than what is reported in the popular media, is limited in the scientific community and further study is needed.[148][149] Studies have established that the majority of UFO observations are misidentified conventional

objects or natural phenomena—most commonly aircraft, balloons including sky lanterns, satellites, and astronomical objects such as meteors, bright stars and planets. A small percentage are hoaxes.[note 4]

Fewer than 10% of reported sightings remain unexplained after proper investigation and therefore can be classified as unidentified in the strictest sense. According to Steven Novella, proponents of the extraterrestrial hypothesis (ETH) suggest these unexplained reports are of alien spacecraft, however the null hypothesis cannot be excluded; that these reports are simply other more prosaic phenomena that cannot be identified due to lack of complete information or due to the necessary subjectivity of the reports. Novella says that instead of accepting the null hypothesis, UFO enthusiasts tend to engage in special pleading by offering outlandish, untested explanations for the validity of the ETH, which violate Occam's razor.[150]

#### Scientific

Main article: [Ufology § Research](#)

Historically, ufology has not been considered credible in mainstream science. [151] The scientific community has generally deemed that UFO sightings are not worthy of serious investigation except as a cultural artifact.[152][112][109][153][154][155][156]

Allen Hynek (left) and Jacques Vallée

Studies of UFOs rarely appear in mainstream scientific literature. When asked, some scientists and scientific organizations have pointed to the end of official governmental studies in the U.S. in December 1969, following the statement by the government scientist Edward Condon that further study of UFOs could not be justified on grounds of scientific advancement.[109][157]

Nevertheless, on 14 September 2023, NASA reported the appointment, for the first time, of a NASA Director of UAP Research (known earlier as U.F.O.), identified as Mark McInerney, to scientifically, and transparently, study such occurrences. [158]

#### Status as a pseudoscience

This section is an excerpt from [Ufology § Status as a pseudoscience](#).<sup>[edit]</sup> Despite investigations sponsored by governments and private entities, ufology is not embraced by academia as a scientific field of study, and is instead generally considered a pseudoscience by skeptics and science educators,[159] being often included on lists of topics characterized as pseudoscience as either a partial[160] or total[161][162] pseudoscience.[163][164][165][166][167] Pseudoscience is a term that classifies arguments that are claimed to exemplify the methods and principles of science, but do not adhere to an appropriate scientific method, lack supporting evidence, plausibility, falsifiability, or otherwise lack scientific status.[168]

Some writers have identified social factors that contribute to the status of ufology as a pseudoscience,[169][170][171] with one study suggesting that "any science doubt surrounding unidentified flying objects and aliens was not primarily due to the ignorance of ufologists about science, but rather a product of the respective research practices of and relations between ufology, the sciences, and government investigative bodies".[170] One study suggests that "the rudimentary standard of science communication attending to the extraterrestrial intelligence (ETI) hypothesis for UFOs inhibits public understanding of science, dissuades academic inquiry within the physical and social sciences, and undermines progressive space policy initiatives".[172]

Jacques Vallée

Jacques Vallée, a scientist and ufologist, claimed there were deficiencies in most UFO research, including government studies. He criticized the mythology and cultism often associated with UFO sightings, but despite the challenges, Vallée contended that several hundred professional scientists—a group both he and Hynek

termed "the invisible college"—continued to study UFOs quietly on their own time.[148]

#### Studies

UFOs have become a prevalent theme in modern culture,[148] and the social phenomena have been the subject of academic research in sociology and psychology.[151]

This section is an excerpt from *Ufology § Current interest*.<sup>[edit]</sup>

In 2021, astronomer Avi Loeb launched The Galileo Project<sup>[173]</sup> which intends to collect and report scientific evidence of extraterrestrials or extraterrestrial technology on or near Earth via telescopic observations.<sup>[174][175][176][177]</sup>

In Germany, the University of Würzburg is developing intelligent sensors that can help detect and analyze aerial objects in hopes of applying such technology to UAP.<sup>[178][179][180][181]</sup>

A 2021 Gallup poll found that belief among Americans in some UFOs being extraterrestrial spacecraft grew between 2019 and 2021 from 33% to 41%. Gallup cited increased coverage in mainstream news and scrutiny from government authorities as a factor in changing attitudes towards UFOs.<sup>[182]</sup>

In 2022, NASA announced a nine-month study starting in the fall to help establish a road map for investigating UAP—or for reconnaissance of the publicly available data it might use for such research.<sup>[183][184][185]</sup>

In 2023, the RAND Corporation published a study reviewing 101,151 public reports of UAP sightings in the United States from 1998 to 2022.<sup>[186]</sup> The models used to conduct the analysis showed that reports of UAP sightings were less likely within 30 km of weather stations, 60 km of civilian airports, and in more-densely populated areas, while rural areas tended to have a higher rate of UAP reports. The most consistent and statistically significant finding was that reports of UAP sightings were more likely to occur within 30 km of military operations areas, where routine military training occurs.

#### Sturrock panel categorization

Besides anecdotal visual sightings, reports sometimes include claims of other kinds of evidence, including cases studied by the military and various government agencies of different countries (such as Project Blue Book, the Condon Committee, the French GEPAN/SEPRA, and Uruguay's current Air Force study).

A comprehensive scientific review of cases where physical evidence was available was carried out by the 1998 Sturrock panel, with specific examples of many of the categories listed below.

Radar contact and tracking, sometimes from multiple sites. These have included military personnel and control tower operators, simultaneous visual sightings, and aircraft intercepts. One such example was the mass sightings of large, silent, low-flying black triangles in 1989 and 1990 over Belgium, tracked by NATO radar and jet interceptors, and investigated by Belgium's military (included photographic evidence). Another famous case from 1986 was the Japan Air Lines flight 1628 incident over Alaska investigated by the Federal Aviation Administration (FAA).

Photographic evidence, including still photos, movie film, and video.

Claims of physical trace of landing UFOs, including ground impressions, burned or desiccated soil, burned and broken foliage, magnetic anomalies<sup>[specify]</sup>, increased radiation levels, and metallic traces. (See, e. g. Height 611 UFO incident or the 1964 Lonnie Zamora's Socorro, New Mexico encounter of the USAF Project Blue Book cases.) A well-known example from December 1980 was the USAF Rendlesham Forest incident in England. Another occurred in January 1981 in Trans-en-Provence and was investigated by GEPAN, then France's official government UFO-investigation agency. Project Blue Book head Edward J. Ruppelt described a classic 1952 CE2 case involving a patch of charred grass roots.

Physiological effects on people and animals including temporary paralysis, skin burns and rashes, corneal burns, and symptoms superficially resembling radiation poisoning, such as the Cash-Landrum incident in 1980.

Animal/cattle mutilation cases, which some feel are also part of the UFO phenomenon.

Biological effects on plants such as increased or decreased growth, germination effects on seeds, and blown-out stem nodes (usually associated with physical trace cases or crop circles)

Electromagnetic interference (EM) effects. A famous 1976 military case over Tehran, recorded in CIA and DIA classified documents, was associated with communication losses in multiple aircraft and weapons system failure in an F-4 Phantom II jet interceptor as it was about to fire a missile on one of the UFOs. [187]

Apparent remote radiation detection, some noted in FBI and CIA documents occurring over government nuclear installations at Los Alamos National Laboratory and Oak Ridge National Laboratory in 1950, also reported by Project Blue Book director Edward J. Ruppelt in his book.

Claimed artifacts of UFOs themselves, such as 1957, Ubatuba, Brazil, magnesium fragments analyzed by the Brazilian government and in the Condon Report and by others. The 1964 Lonnie Zamora incident also left metal traces, analyzed by NASA.[188][189] A more recent example involves a teardrop-shaped object recovered by Bob White and was featured in a television episode of UFO Hunters[190] but was later found to be accumulated waste metal residue from a grinding machine.[191]

Angel hair and angel grass, possibly explained in some cases as nests from ballooning spiders or chaff.[192]

Scientific skepticism

A scientifically skeptical group that has for many years offered critical analyses of UFO claims is the Committee for Skeptical Inquiry (CSI). One example is the response to local beliefs that "extraterrestrial beings" in UFOs were responsible for crop circles appearing in Indonesia, which the government and the National Institute of Aeronautics and Space (LAPAN) described as "man-made". Thomas Djameluddin, research professor of astronomy and astrophysics at LAPAN stated: "We have come to agree that this 'thing' cannot be scientifically proven. Scientists have put UFOs in the category of pseudoscience."[193]

Governmental

See also: Investigation of UFO reports by the United States government

UFO drawing, authenticity unknown, attribution and date unspecified. One of hundreds of files resulting from US President Bill Clinton's 1995 order to the CIA to declassify all documents with "historical value" that were at least 25 years old.

UFOs have been the subject of investigations by various governments that have provided extensive records related to the subject. Many of the most involved government-sponsored investigations ended after agencies concluded that there was no benefit to continued investigation.[194][195] These same negative conclusions also have been found in studies that were highly classified for many years, such as the UK's Flying Saucer Working Party, Project Condign, the U.S. CIA-sponsored Robertson Panel, the U.S. military investigation into the green fireballs from 1948 to 1951, and the Battelle Memorial Institute study for the USAF from 1952 to 1955 (Project Blue Book Special Report No. 14).

Some public government reports have acknowledged the possibility of the physical reality of UFOs, but have stopped short of proposing extraterrestrial origins, though not dismissing the possibility entirely. Examples are the Belgian military investigation into large triangles over their airspace in 1989-1991 and the 2009 Uruguayan Air Force study conclusion (see below).

Claims by military, government, and aviation personnel

In 2007, former Arizona governor Fife Symington claimed he had seen "a massive, delta-shaped craft silently navigate over Squaw Peak, a mountain range in Phoenix, Arizona" in 1997.[196] Apollo 14 astronaut Edgar Mitchell claimed he knew of senior government employees who had been involved in "close encounters",

and because of this, he has no doubt that aliens have visited Earth.[197]

In May 2019, The New York Times reported that American Navy fighter jets had several instances of unidentified instrumentation and tracking data while conducting exercises off the eastern seaboard of the United States from the summer of 2014 to March 2015. The Times published a cockpit instrument video that appeared to show an object moving at high speed near the ocean surface as it appeared to rotate, and objects that appeared capable of high acceleration, deceleration and maneuverability. In two separate incidents, a pilot reported his cockpit instruments locked onto and tracked objects but he was unable to see them through his helmet camera. In another encounter, flight instruments recorded an image described as a sphere encasing a cube between two jets as they flew about 100 feet apart.[198] The Pentagon officially released these videos on April 27, 2020.[199] The United States Navy has said there have been "a number of reports of unauthorized and/or unidentified aircraft entering various military-controlled ranges and designated air space in recent years".[200]

According to former U.S. Navy Lieutenant Ryan Graves, UAPs spotted by US Navy crew aboard the USS Nimitz, the USS Princeton, and other carriers in 2014 prompted flight safety concerns by some Navy pilots.[201][202] Graves, described as "one of the most vocal advocates for UAP transparency", said the appearance of UFOs was frequent near aircraft carriers.[201] In 2019, a US Navy spokesperson, Joseph Gradisher stated that "For safety and security concerns, the Navy and the [US Air Force] takes these reports very seriously and investigates each and every report." and because of the sightings, the "Navy is updating and formalising the process" of reporting,[203][204] with the reporting process updated by 2020 [205]

In May 2021, military pilots recalled their related encounters, along with camera and radar support, including one pilot's account noting that such incidents occurred "every day for at least a couple of years", according to an interview broadcast on the news program, 60 Minutes (May 16, 2021).[206][207] Science writer and skeptic Mick West suggested the image was the result of an optical effect called a bokeh which can make out of focus light sources appear triangular or pyramidal due to the shape of the aperture of some lenses.[208] [209] In August, 2022, an article by West provided his detailed analysis of the video.[210]

#### The 2021 Pentagon UFO Report

On June 25, 2021, U.S. Defense and intelligence officials released the nine pages Pentagon UFO Report (Preliminary Assessment: Unidentified Aerial Phenomena) on what they know about a series of unidentified flying objects that have been seen by American military pilots in the skies between 2004 and 2021. [211][212] It observed that "UAP probably lack a single explanation", but identified airborne clutter and foreign adversary systems as among possible objects that "clearly pose a safety of flight issue and may pose a challenge to U.S. national security".[213][214][215][216] The report also mentioned dangers associated with "an increasingly cluttered air domain" .[214] The issue of safety with commercial airlines has also been raised.[217][218] The report does not mentions extraterrestrials, but concludes that the objects found by the US military appear to be real in the majority of the 144 occurrences documented. [212] "Most of the UAP reported probably do represent physical objects given that a majority of UAP were registered across multiple sensors, to include radar, infrared, electro-optical, weapon seekers, and visual observation", according to the report.[212] The report also stated that "UAP probably lack a single explanation", and proposed five possible categories of explanation: airborne clutter, natural atmospheric phenomena, US government or industry development technology, foreign craft, and an "Other" category.[219] Commenting on the document, NASA Administrator Bill Nelson said that he did not think we are alone, but the UFO sightings by pilots "may not be extraterrestrial." [220]

In December 2021, further official governmental investigations into UAPs and related, along with annual unclassified reports presented to Congress, have been

authorized and funded.[221] Some have raised concerns about the new investigations.[222]

President of the United States Joe Biden in 2023 signed the Unidentified Anomalous Phenomena Disclosure Act into law as part of the National Defense Authorization Act for Fiscal Year 2024 on December 14, 2023.[223] The 64-page amendment defined and codified 22 technical definitions related to UFOs and non-human intelligence under the law.[224]

#### Conspiracy theories

See also: UFO conspiracy theory, Steven M. Greer, Men in black, and Brookings Report

UFOs are sometimes an element of conspiracy theories in which governments are allegedly intentionally "covering up" the existence of aliens by removing physical evidence of their presence or even collaborating with extraterrestrial beings. There are many versions of this story; some are exclusive, while others overlap with various other conspiracy theories.

In the U.S., an opinion poll conducted in 1997 suggested that 80% of Americans believed the U.S. government was withholding such information.[225][226] Various notables have also expressed such views. Some examples are astronauts Gordon Cooper and Edgar Mitchell, Senator Barry Goldwater, Vice Admiral Roscoe H. Hillenkoetter (the first CIA director), Lord Hill-Norton (former British Chief of Defense Staff and NATO head), the 1999 French COMETA study by various French generals and aerospace experts, and Yves Sillard (former director of CNES, new director of French UFO research organization GEIPAN).[126]

In June 2023, United States Air Force officer and former intelligence official David Grusch claimed that the U.S. federal government has maintained a highly secretive UFO retrieval program since the 1940s and that the government possesses multiple spacecraft of "non-human" origin.[227][228]

In May 2025, Matthew Brown, another former intelligence official, claimed elements of the US Government executive branch had conspired to prevent the US Congress from exercising its lawful powers of oversight with respect to UAP, Technology of Unknown Origin (TUO) and Non-Human Intelligence (NHI) issues. He also claimed there was a "criminal conspiracy" to keep the elected government of the United States ignorant of "the profound discoveries and dire threats originating from the existence of UAP, NHI, and their technologies." He claimed there was an Unacknowledged Special Access Program (USAP) called "Immaculate Constellation" that consolidated observations of UAP etc. and used "sophisticated internal information security controls" to enforce the detection, quarantining and compartmentalisation of UAP imagery collection incidents before they were circulated within the various branches of national and military intelligence. This was how such sightings and observations could be denied to exist by intelligence officials when questioned on it because it had been hidden to them by systems of internal secrecy they were unaware about.[229][230][231] [unreliable source?]

A document written by an anonymous whistleblower (since revealed to have been authored by Matthew Brown in about 2018) was submitted to the Congressional Record at a public hearing of the House Oversight Committee in November 2024. [232]

In a later interview with Jeremy Corbell and George Knapp, released online in May 2024, Brown claimed that a secret group of people had successfully "reverse engineered" TUO from downed UAP and the rest of humanity had been "left behind". [233]

#### "Disclosure" advocates

In May 2001, a press conference was held at the National Press Club in Washington, D.C., by an organization called the Disclosure Project, featuring twenty persons including retired Air Force and FAA personnel, intelligence officers and an air traffic controller.[234][235][236][237][238][239][240] They

all gave a brief account of their claims that evidence of UFOs was being suppressed and said they would be willing to testify under oath to a Congressional committee. According to a 2002 report in the Oregon Daily Emerald, Disclosure Project founder Steven M. Greer is an "alien theorist" who claims "proof of government coverup" consisting of 120 hours of testimony from various government officials on the topic of UFOs, including astronaut Gordon Cooper. [241]

In 2007, the German UFO conspiracy forum Disclose.tv was created. The website's name references the concept of disclosure.[242]

On September 27, 2010, a group of six former USAF officers and one former enlisted Air Force man held a press conference at the National Press Club in Washington, D.C., on the theme "U.S. Nuclear Weapons Have Been Compromised by Unidentified Aerial Objects"[243] in which they claimed they had witnessed UFOs hovering near missile sites and even disarming the missiles.

From April 29 to May 3, 2013, the Paradigm Research Group held the "Citizen Hearing on Disclosure" at the National Press Club. The group paid former U.S. Senator Mike Gravel and former Representatives Carolyn Cheeks Kilpatrick, Roscoe Bartlett, Merrill Cook, Darlene Hooley, and Lynn Woolsey \$20,000 each to hear testimony from a panel of researchers which included witnesses from military, agency, and political backgrounds.[244][245]

#### Religious

UFOs have been interpreted by some groups in a religious way, often influenced by the Theosophical tradition. Some Christians have interpreted UFOs as demonic entities.[246]

#### Ufology

Main article: Ufology

Swirling multicolored cloud like object in the sky

A photograph of an unusual atmospheric occurrence observed over Sri Lanka, forwarded to the UK Ministry of Defence by RAF Fylingdales, 2004

Ufology is a neologism describing the study of UFO reports and associated evidence.[247][248] Limited institutional or scientific study has given rise to independent researchers and UFO organizations, including the National Investigations Committee on Aerial Phenomena (NICAP) in the mid-20th century and, more recently, the Mutual UFO Network (MUFON)[249] and the Center for UFO Studies (CUFOS).[250]

#### In popular culture

Main article: UFOs in fiction

#### A UFO monument in Tenjo, Colombia

UFOs have constituted a widespread international cultural phenomenon since the 1950s. Gallup Polls rank UFOs near the top of lists for subjects of widespread recognition. In 1973, a survey found that 95 percent of the public reported having heard of UFOs, whereas only 92 percent had heard of U.S. President Gerald Ford in a 1977 poll taken just nine months after he left the White House.[251] [252]

A 1996 Gallup Poll reported that 71 percent of the United States population believed the U.S. government was covering up information regarding UFOs. A 2002 Roper Poll for the Sci-Fi Channel found similar results, but with more people believing UFOs are extraterrestrial craft. In that latest poll, 56 percent thought UFOs were real craft and 48 percent that aliens had visited the Earth. Again, about 70 percent felt the government was not sharing everything it knew about UFOs or extraterrestrial life.[253][254]

Another effect of the flying saucer type of UFO sightings has been Earth-made flying saucer craft in space fiction, for example the United Planets Cruiser C57D in Forbidden Planet (1956), the Jupiter 2 in Lost in Space, and the saucer section of the USS Enterprise in Star Trek. UFOs and extraterrestrials have been



featured in many movies.

The intense secrecy surrounding the secret Nevada base, known as Area 51, has made it the frequent subject of conspiracy theories and a central component of UFO folklore. In July 2019, more than 2 million people replied to a joke proposal to storm Area 51 which appeared in an anonymous Facebook post.[255] Two music festivals in rural Nevada, "AlienStock" and "Storm Area 51 Basecamp", were subsequently organized to capitalize on the popularity of the original Facebook event.[256] 150 people showed up to the Area 51 entrance and attendance at the festivals was 1,500.[257]

See also

Unidentified submerged object

Notes

Many of these documents are now online at the FOIA websites of these agencies such as the "FBI FOIA site". Archived from the original on May 24, 2008., as well as private websites such as The Black Vault Archived September 2, 2011, at the Wayback Machine, which has an archive of several thousand U.S. government UFO-related documents from the USAF, Army, CIA, DIA, DOD, and NSA.

The so-called Twining memo of September 23, 1947 Archived February 26, 2009, at the Wayback Machine, by future USAF Chief of Staff, General Nathan Twining, specifically recommended intelligence cooperation with the Army, Navy, Atomic Energy Commission, the Defense Department's Joint Research and Development Board, Air Force Scientific Advisory Board, National Advisory Committee for Aeronautics (NACA), Project RAND, and the Nuclear Energy for the Propulsion of Aircraft (NEPA) project.

For example, current USAF general reporting procedures are in Air Force Instruction (AFI)10-206 Archived June 18, 2008, at the Wayback Machine. Section 5.7.3 (p. 64) lists sightings of "unidentified flying objects" and "aircraft of unconventional design" as separate categories from potentially hostile but conventional, unidentified aircraft, missiles, surface vessels, or submarines. Additionally, "unidentified objects" detected by missile warning systems, creating a potential risk of nuclear war, are covered by Rule 5E (p.35).

For example, the USAF's Project Blue Book concluded that less than 2% of reported UFOs were "psychological" or hoaxes; Allan Hendry's study for CUFOS had less than 1%.

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Declassified files on UFOs from many countries

Declassified video – Chilean UAP event of November 11, 2014 (official; video (9:59))

An astrophysicist's view of UFOs (Adam Frank; NYT; May 30, 2021)

A list of skeptical resources (astronomer Andrew Fraknoi)

UFO Explanations (videos; scientist Mick West)

Some UAPs may be laser-generated holograms? (WSJ; July 29, 2021).

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Artist's concept of astrophysical magnetic fields suffusing the Milky Way galaxy. Credit: BBC

Almost all of the observable matter in the universe is in the plasma state. Formed at high temperatures, plasmas consist of freely moving ions—atoms which have lost some or all of their electrons—and free electrons. They are often called the “fourth state of matter” because their unique physical properties distinguish them from solids, liquids, and gases.

Plasma densities and temperatures vary widely, from the cold gases of interstellar space to the extraordinarily hot, dense cores of stars and inside a detonating nuclear weapon. Plasma densities range from those in a high vacuum with only a few particles inside a volume of 1 cubic centimeter to 1,000 times the density of a solid.

#### The Mystery of Self-organization

Scientists are using NIF to emulate plasma phenomena occurring in nature, such as interpenetrating plasmas. One of the mysteries of astrophysics is how highly organized structures such as magnetic fields stretching millions of light years can emerge from the frenetic motion of plasmas. An international Discovery Science campaign known as Turbulent Dynamo, or TDyno, is studying how small “seed” magnetic fields are amplified under the kind of turbulent plasma conditions that exist throughout the cosmos.

#### Images Showing the Evolution of Plasma Turbulence

The initial gated x-ray detector (GXD) images from a TDyno experiment show the evolution of plasma turbulence over time.

The process by which this happens is called the turbulent dynamo mechanism. In everyday life, dynamos are machines that convert mechanical energy into electric

energy. This is the way scientists believe seed magnetic fields in the early universe are amplified to the point where the plasma's magnetic energy is on par with its kinetic energy, as is observed today.

The researchers trained intense, short-duration laser pulses on the end of a thin carbon rod (like the tip of a needle) held inside a helium-filled chamber to create shock waves. As the shock wave moved through the plasma in the chamber, a magnetic field was generated. Scientists believe this is what occurs in galactic clusters. While the initial seed fields are miniscule, simulations show that they could be amplified over about 700 million years to the strength we see in galactic clusters through the turbulent dynamo mechanism.

#### Studying Collisionless Shocks

Researchers also are using NIF to investigate whether intersecting plasmas created by lasers are capable of forming collisionless shocks (where plasma constituents pass by largely without colliding with each other). Collisionless shocks are thought to be one of the mechanisms that can create seed magnetic fields, which the turbulent dynamo can then amplify.

Collisionless shocks appear in a wide array of exotic astronomical settings such as violent solar flares, outbursts from galaxies, and supernova remnants. Astrophysical collisionless shocks can't be directly measured, so scientists look to laboratory experiments to better understand these phenomena.

NIF is the only facility capable of creating plasmas with sufficiently high density (greater than 1020 particles per cubic centimeter), high flow velocity (greater than 2,000 kilometers per second), and high temperature (greater than 1,000 electron volts) to approximate the astrophysical conditions observed in space.

#### Creating Anti-Matter

NIF has produced the first relativistic electron-positron pair plasmas in a laboratory, enabling experiments on a state of matter found only in gamma-ray bursts, black holes, active galaxies, and the universe shortly after the Big Bang.

NIF experiments are designed to produce antimatter plasma at nearly the speed of light. These experiments use the Advanced Radiographic Capability, which produces more penetrating, higher energy x rays than is possible with conventional radiographic techniques.

Scientists first theorized nearly 40 years ago that ultra-intense lasers could generate antimatter. NIF will be essential to understanding antimatter plasma as well as many other fundamental plasma physics processes.

#### Measuring Plasma Stopping Power

A team of LLNL and Los Alamos National Laboratory researchers has conducted a series of experiments on NIF aimed at determining the stopping power, or rate of energy loss, of particles passing through inertial confinement fusion (ICF) plasma. They did this by measuring rare reaction-in-flight (RIF) neutrons produced by the implosion. The production of RIF neutrons is controlled by the stopping power in the plasma.

The experiments took advantage of NIF's ability to create an unusual "partially degenerate" form of plasma. Degeneracy is the tendency of highly compressed subatomic particles such as electrons and neutrons to resist further compression. The interiors of super-dense white dwarfs and neutron stars, for example, are highly degenerate. Partial degeneracy characterizes the interiors of the lowest-mass stars, brown dwarfs, and giant planets.

The experiments enable scientists to learn more about the conditions in stellar objects like brown dwarfs, other astrophysical conditions, and the physics encountered in ICF implosions.

## More Information

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The National Ignition Facility, the world's highest-energy laser system, is designed to create the extreme conditions—temperatures exceeding 100 million degrees and pressures more than 100 billion times that of the Earth's atmosphere—similar to those in stars and in detonating nuclear weapons.

NIF is a cornerstone of the experimental element of stockpile stewardship and an essential component of the nation's stockpile assessment and certification strategy.

Because it is the only facility that can create the conditions that are relevant to understanding the operation of modern nuclear weapons, NIF is a crucial element of the National Nuclear Security Administration's science-based Stockpile Stewardship Program.

NIF can repeatedly simulate those conditions inside the Target Chamber's controlled environment, giving dedicated teams of scientists and researchers the ability to reconstitute and improve upon the capabilities of underground testing.

NIF's high energy density and inertial confinement fusion experiments, coupled with the increasingly sophisticated simulations available from some of the world's most powerful supercomputers, increase our understanding of weapon physics, including the properties and survivability of weapons-relevant materials.

### Putting Pressure on Nuclear Materials

NIF beams can be used to create conditions of extremely high energy density in materials. One example is using various arrangements of beams to shock materials and demonstrate how they behave at high temperatures and pressures.

### A NIF Plutonium Experiment

Image of a NIF experiment at the moment of peak implosion. This experiment was aimed at developing a high-pressure strength measurement capability for plutonium.

Understanding how the many kinds of materials used in nuclear weapons behave, especially as they age beyond their intended lifetimes, under the extreme environments produced in a thermonuclear reaction is a key element of stockpile stewardship.

NIF is also the only U.S. facility designed to perform experimental studies of fusion ignition and thermonuclear burn, the phenomenon that gives rise to the immense energy of modern nuclear weapons. NIF weapon-based experiments use extremely tiny amounts of test material—barely visible to the naked eye—and are completely safe.

Along with stockpile stewardship, NIF conducts a variety of experiments for the Department of Defense and other agencies as part of its National Security Applications (NSA) program.

The high rigor and multidisciplinary nature of NIF experiments play a key role in attracting, training, testing, and retaining new generations of skilled stockpile stewards who will continue the mission to protect America into the future.

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"Milestone Shot Enhances Future of Stockpile Stewardship and Fusion Energy Science," NIF & Photon Science News, February 15, 2022

"Video: 'The Threshold of Ignition,'" NIF & Photon Science News, February 8, 2022

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"Ten Years of the National Ignition Facility: What It Took to Make NIF a Reality" (Video)

Inertial Confinement Fusion Program, Weapons and Complex Integration Directorate

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#### Image of a Shock-Compression Experiment

Time-integrated image of a laser-driven shock compression experiment to recreate planetary interior conditions and study the properties of superionic water.

Credit: Marius Millot, LLNL/Eugene Kowaluk, Laboratory for Laser

Energetics/James Wickboldt, NIF

In support of NIF's stockpile stewardship mission, the laser system's unique capabilities are creating unprecedented opportunities for research in the growing field of high energy density (HED) science—the study of matter under extreme states of density and pressure (about 1 Mbar to 1 Gbar, or one million to one billion times the atmospheric pressure at Earth's surface).

NIF can generate conditions similar to those occurring in giant planets and white dwarf stars, in the fusion reactions that power the sun and other stars, and in exploding nuclear weapons.

HED research is opening new frontiers in materials science research. Researchers have developed new capabilities for measuring the basic properties of matter, such as the equation of state (EOS) at the highest pressures ever achieved in a controlled laboratory experiment.

NIF experiments are highly diagnosed to provide unprecedented insights into HED systems, and are complemented by other experimental facilities at LLNL and elsewhere.

#### Learning from the Stars

#### Image of the spiral galaxy NGC 1672

Image of the spiral galaxy NGC 1672 captured by the Hubble Space Telescope. NGC 1672, which spans about 75,000 light years across, is being studied to learn more about star formation in a galaxy's central regions. Credit: Hubble Legacy Archive, NASA, ESA

By recreating the properties of celestial objects under scaled conditions in the laboratory, NIF enables scientists to explore extreme conditions such as the hot dense plasmas found in stars (see Discovery Science). LLNL researchers have long been interested in the physical processes of stars because the prime stellar energy mechanism, thermonuclear burn, is central to the Laboratory's core mission of maintaining the safety, security, and reliability of the nation's nuclear weapons stockpile.

NIF's HED science program provides experimental data that yields important information on the characteristics of materials used in nuclear weapons as they age or are subjected to the immense pressures and temperatures of a thermonuclear explosion (see NIF and Stockpile Stewardship).

Data from HED experiments help inform and validate 3D weapon simulation computer codes and bring about a fuller understanding of weapon physics. Many NIF shots focus on advancing the prospect of inertial confinement fusion (ICF) ignition—a self-sustaining fusion reaction—for the Stockpile Stewardship Program.

HED experiments also support other national security-related studies on such topics as radiation hydrodynamics, system-generated electromagnetic pulses (see "NIF Experiments Help Validate Electromagnetic Pulse Codes"), and energy transport through electromagnetic waves (see "Experiments Yield Insights into Supersonic Radiation Flow").

#### More information

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"10-Year Report Highlights NIF's Contributions to Plasma Science," NIF & Photon

Science News, July 8, 2020

"HED Experiments Measure Supernova Magnetic Field Structure," NIF & Photon Science News, June 25, 2020

"Studying Matter Under Extreme Conditions," Science & Technology Review, September, 2019

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"From microjoules to megajoules and kilobars to gigabars: Probing matter at extreme states of deformation," Physics of Plasmas, September 17, 2015

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Advancing Weapon Physics

The Sierra Supercomputer

NIF experimental data help inform and validate sophisticated, three-dimensional weapon simulations that are designed to improve understanding of important weapon physics. LLNL's high-performance computing capabilities include the Sierra supercomputer (left), a 125 petaFLOPs (quadrillion operations per second) machine that is one of the fastest in the world. Data from NIF experiments (inset, right) and simulation (inset, left) are combined with deep learning

methods to provide essential computational resources for nuclear weapon scientists. Credit: Tanya Quijalvo  
Inertial confinement fusion and high energy density science experiments on NIF, coupled with the increasingly sophisticated simulations available from some of the world's most powerful supercomputers here at the Laboratory, serve to increase our understanding of weapon physics, including the properties and survivability of weapons-relevant materials. The data from NIF experiments complement testing at other experimental facilities at Livermore and elsewhere.

Researchers no longer have to wait for a supernova event to gather data or attempt to parse information from an underground nuclear test with limited diagnostics.

NIF's unique capabilities, including flexible and repeatable experimental configurations, precision target fabrication and metrology, and advanced diagnostics, have allowed the weapon programs of the national security laboratories to execute and deliver data in relevant regimes previously inaccessible to scientists.

NIF enables researchers to perform experiments in a controlled environment and at a much higher rate than could have been imagined with underground testing. A problem can be picked apart and individual physics pieces can be studied. Weapon researchers are now able to measure the phase, strength, and equation of state of plutonium and other weapon-relevant materials at extreme pressures, densities, and temperatures.

#### W80-4 Life Extension Program Logo

NIF experiments are uniquely capable of informing and validating three-dimensional weapons-simulation computer codes that support the W80-4 Life Extension Program (LEP) effort.

#### Maintaining the Nuclear Deterrent

The experiments are used to inform planned and proposed Stockpile Life Extension programs (LEPs), the regularly planned refurbishments of nuclear weapon systems to ensure long-term safety and reliability. Changes to weapon systems for safety and security can have unintended consequences if those changes cannot be fully validated. Full validation is achieved through the combination of experiments using facilities such as NIF and advanced computational modeling. The data acquired in NIF experiments are helping LLNL weapon designers assess replacement options for aged materials in the W80 warhead.

Radiation transport is also central to the operation of nuclear weapons; with NIF, researchers can perform detailed radiation-hydrodynamic experiments.

NIF studies will continue to pay dividends for certification of the annual assessments National Nuclear Security Administration (NNSA) laboratories conduct to evaluate if the U.S. stockpile is aging acceptably (see NIF and Stockpile Stewardship). They also will help the nation maintain the skills of nuclear weapon scientists, which is crucial in order to assess the age-related changes that could compromise weapon reliability .

In addition, researchers are using NIF to provide hostile x-ray and neutron environments for vulnerability and hardness testing. NIF radiation sources help researchers evaluate how well U.S. weapons will be able to survive—and function as expected—after traversing evolving adversary missile defenses. Without the ability to survive, these weapons would be unable to hold targets at risk, rendering the deterrent ineffective (see National Security Applications).

#### More Information

"NIF Experiments Support Warhead Life Extension," NIF & Photon Science News, January 9, 2019

"Extending the Life of a Workhorse Warhead," Science & Technology Review, October-November, 2018

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Achieving Fusion Ignition

The front entrance of the National Ignition Facility

One of NIF's key goals was to create self-sustaining thermonuclear fusion reactions, mimicking the process that powers the sun and the stars.

For the last six decades, LLNL researchers and their colleagues have been working to achieve one of the most challenging goals in all of science and a primary objective of NIF: fusion ignition. The goal was reached on Dec. 5, 2022, thanks to a wide-ranging international partnership and sustained efforts by every aspect of NIF and LLNL operations—the laser, targets, optics, diagnostics, modeling and simulations, and the people who make it all possible (see “Keys to Our Success”).

animated Ignition image

Achieving ignition—producing more fusion energy than the amount of laser energy delivered to the NIF target—provides new opportunities for stockpile stewardship applications; NIF's recreation of extreme environments allows scientists to study the behavior of materials under weapons-relevant conditions that were previously impossible to achieve in a laboratory setting. The 2022 achievement is not only vital for maintaining the effectiveness and safety of the U.S. nuclear arsenal but also enhances the prospects for an inertial fusion energy future.

In “indirect drive” inertial confinement fusion (ICF) experiments on NIF, up to 192 laser beams are fired into a centimeter-sized hollow cylinder called a hohlraum. This generates a “bath” of soft x rays that ablate, or blow off, the surface of a peppercorn-sized capsule suspended in the hohlraum.

The result is a rocket-like implosion that compresses and heats partially frozen

hydrogen isotopes inside the capsule to conditions of pressure and temperature found only in the cores of stars and giant planets and in exploding nuclear weapons. The speed of the implosion—more than 400 kilometers per second—allows the fusion reactions to take place before the fuel can disassemble; the fuel is trapped by its own inertia (hence the term inertial confinement fusion).

#### Image of a Fusion Reaction

In a fusion reaction, nuclei of the two isotopes of hydrogen, deuterium (containing one neutron and one proton) and tritium (two neutrons and one proton), are forced together by extremes of temperature and pressure and fuse to form a helium nucleus. In the process some of the mass of the hydrogen is released as energy. Credit: Brian Chavez

#### What Is Fusion?

Fusion describes what happens when the nuclei of light atoms such as hydrogen overcome the repulsive electrostatic force that keeps them apart. When the nuclei get close enough, the force that binds protons and neutrons together, the strong force, takes over and pulls the nuclei even closer together so they “fuse” into a new, heavier helium nucleus with two neutrons and two protons.

The helium nucleus, also known as an alpha particle, has a slightly smaller mass than the sum of the masses of the two hydrogen nuclei, and the difference in mass is released as energy according to Albert Einstein’s famous formula  $E=mc^2$ . The energy is released in the form of the alpha particles, high-energy neutrons, and other forms of energy such as electromagnetic radiation.

Nuclear fusion is different from nuclear fission, where the nuclei of heavy elements like uranium are split, forming two lighter elements—the process used in today’s nuclear power plants. In both nuclear reactions, the elements themselves change and become new elements—and in the process, a small amount of mass is converted to a large amount of energy.

#### What Is Ignition?

##### Illustration of a Rugby Hohlraum

False-color illustration of laser beams irradiating a NIF hohlraum shaped like a rugby ball and holding an aluminum fuel capsule, one of several new target designs being explored on the NIF system. The laser beams enter the hohlraum through laser entrance holes and strike the inside of the hohlraum to generate x rays. The laser beams are arranged in two cones—an inner cone that is pointed toward the waist of the hohlraum and an outer cone that is pointed near the ends. Ignition is achieved when a self-sustaining fusion reaction produces more energy than the energy absorbed by the target capsule. Credit: Jacob Long

Fusion ignition occurs when the heating power from alpha particles produced by fusion reactions in the hot spot at the center of the target capsule overcomes the cooling effects of x-ray losses, electron conduction, and implosion expansion. When enough alpha particles are “stopped,” or absorbed, in the high-density fuel layer, a process known as alpha heating, a burn wave of fusion reactions propagates into the cold fuel surrounding the hot spot. When the energy deposition by the alpha particles contributes more than 50 percent of the heating of the fuel, a self-sustaining feedback loop known as a “burning plasma” results in an explosive amplification of energy output.

The NIF experiment on Dec. 5, 2022, far surpassed the ignition threshold by producing 3.15 megajoules (MJ) of fusion energy output from 2.05 MJ of laser energy delivered to the target.

LLNL researchers have since continued to repeat the ignition achievement with increasing yield and target gain. Some of the major milestones have included:

On Oct. 30, 2023, NIF set a new record for laser energy, firing 2.2 MJ of energy for the first time on an ignition target. This experiment resulted in 3.4 MJ of fusion energy yield.

An experiment on Feb 12, 2024, produced an estimated 5.2 MJ—more than doubling the input energy of 2.2 MJ.

An experiment on April 7, 2025, set new records for both energy yield and target

gain. NIF achieved a yield of 8.6 MJ with a measurement uncertainty of  $\pm 0.45$  MJ. NIF's lasers delivered 2.08 MJ of energy to the target in a 456-terawatt peak power pulse, producing a target gain of 4.13.

On June 22, 2025, a Los Alamos National Laboratory-led team working with LLNL achieved ignition using NIF. The team conducted an experiment that generated a yield of 2.4 MJ of energy, with a measurement uncertainty of  $\pm 0.09$  MJ and created a self-sustaining feedback loop called a burning plasma.

On Oct. 1, 2025, LLNL conducted an experiment at NIF that generated a yield of 3.5 MJ, with a measurement uncertainty of  $\pm 0.17$  MJ. NIF's lasers delivered 2.065 MJ of laser energy to the target, producing a target gain of 1.74. This experiment assessed the ability of U.S. nuclear weapons to survive encounters with adversary missile defenses and reach their targets, a demonstration of a new capability to analyze nuclear materials under extreme conditions to advance stockpile modernization.

Additional experiments using higher laser energies and producing even higher energy yields are expected, further demonstrating that NIF can repeatedly conduct fusion experiments at multi-megajoule levels of energy output.

Achieving ignition was an unprecedented, game-changing breakthrough that advances the science of ensuring the reliability of the nation's nuclear stockpile (see "NIF and Stockpile Stewardship") as well as the potential use of fusion as a safe, clean, and virtually unlimited energy source.

#### Gaining New Understanding

While reaching ignition on NIF proved more challenging than first expected, researchers gained new understanding of the process with every experiment. For example, they learned important lessons about the initial limitations of their simulations and used that knowledge to continually improve both the models and implosion performance.

In particular, the advent of high-resolution 3D modeling and simulations contributed to a better understanding of the perturbation sources—including such "engineering features" as the thin membranes that suspend the target capsule inside the hohlraum and the fill tubes used to inject fuel into the capsule—that interfere with implosion performance. Other factors inhibiting energy yield are laser-plasma and hydrodynamic instabilities, asymmetries in the hohlraum x-ray flux that drives the implosion, and the mixing of capsule material with the fuel.

The addition of new and enhanced diagnostics, such as multiple line-of-sight neutron detectors, also led to improved target performance. The ability of new high-performance supercomputers and powerful "deep learning" techniques to process, analyze, and simulate the mountain of data produced by these diagnostics in 3D over a broad range of perturbation sources—capsule surface imperfections, engineering features, drive asymmetries—significantly improved the ability of simulations to match, and even predict, experimental results (see "Pursuing Ignition: A Decade of Progress").

#### Setting Energy Records

Since the first NIF laser shots, scientists have set records for neutron yield and the amount of energy generated. Neutron yields have grown exponentially since NIF experiments began; more energy is being coupled to the target capsule; implosion velocities have increased; and the pressures in the center of the implosion are many times higher. The result has been a steady increase in energy yield that culminated with the NIF experiment that produced a yield of more than 8 MJ, more than six times the record yield of 1.35 MJ set in 2021 (see "Threshold of Ignition").

"Nature does not give up her secrets easily."

—NIF Senior Scientist John Lindl

NIF also made history in May, 2018, when it fired a record 2.15 MJ of ultraviolet energy to the Target Chamber—a 15 percent improvement over NIF's design specification of 1.8 MJ and more than 10 percent higher than NIF's previous 1.9 MJ energy record set in March, 2012. Subsequent experiments have

further boosted the laser's energy to a new record high of 2.2 MJ.

Researchers strive to further improve NIF's performance by coupling even more laser energy to the capsule while maintaining symmetry control and minimizing fuel contamination from target capsule material, or "mix." We also are pursuing strategies like novel hohlraum designs; larger and thicker capsules; and new methods for finishing, mounting, and filling capsules.

We owe our progress to the decades of remarkable work by previous generations of LLNL scientists and engineers who advanced the field of high energy density and ICF science to where it is today. A new generation of LLNL researchers are carrying on this tradition of excellence.

More Information:

"The Age of Ignition: Inside LLNL's Fusion Breakthrough," a NIF & Photon Science News Special Report

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The STAR Radiation-Effects Diagnostic

The STAR (Sample Test and Recovery) array measures shock velocity and heating in up to 16 material samples irradiated with x rays.

An important element of the Stockpile Stewardship Program is guaranteeing nuclear weapons' survivability—their ability to function—under hostile conditions such as those that could result from a pre-emptive strike by an adversary, or when a conventional war may be fought in a nuclear environment.

In the absence of nuclear testing, high energy density research facilities like NIF are a key tool for testing the survivability of nuclear weapon components.

NIF's National Security Applications (NSA) program allows researchers to subject nonnuclear weapon system parts, such as electronics and other materials, to intense radiation and to probe material properties at extreme pressures and temperatures—conditions that mimic what systems may face in a real-world nuclear environment.

In the NSA program, researchers for the Department of Defense and other government agencies use NIF to provide hostile x-ray, neutron, and electromagnetic pulse environments for vulnerability and hardness testing. This helps researchers evaluate how well U.S. weapons will survive and function as expected after traversing evolving adversary missile defenses. Without the ability to survive, these weapons would be unable to hold targets at risk, rendering the deterrent ineffective.

### Technician Loads NSA Diagnostics and Samples

A technician loads NSA diagnostics and samples into a NIF target and diagnostic manipulator (TANDM). Credit: Brent Blue

NIF performs an average of 40 to 50 NSA shots a year. Lawrence Livermore, Sandia, and Los Alamos national laboratories lead some of these experiments, as do partners from the Naval Research Laboratory and other agencies as far away as the United Kingdom.

An important subset of experiments investigates the survivability of components during nuclear detonations. NIF can precisely replicate and control different types of radiation bombardment, allowing researchers to understand how the materials that make up these components will respond.

For other NIF missions, laser and target interactions during a shot generate conditions, such as plasma and fusion, that are the objects of study. For NSA shots, those interactions produce a bright (powerful) radiation source used to examine samples physically separated from the laser and target. In fact, many NSA shots don't use a hohlraum or a fuel capsule.

The samples, which can be 50 millimeters in diameter, remain solid during a shot and never become plasma. While other NIF missions center on 20-nanosecond bursts of laser energy, the period of interest for NSA shots leans toward microseconds—which could be a sample's material response time—and could extend to minutes, days, months, or even longer.

## Operators Load SGEMP Cassetts

NSA experiments help validate simulation codes designed to determine the effects of system-generated electromagnetic pulses (SGEMP) on various materials. Here NIF target area operators load the SGEMP four-cassette diagnostic in a diagnostic instrument manipulator. The experiments, led by Sandia National Laboratories and the UK's Atomic Weapons establishment, use the powerful x-ray pulse generated in a custom-designed x-ray source target to create EMP effects in test objects.

By changing the distance between the target and the samples, the NSA team can match the amount of x-ray energy researchers require. Diagnostics that hold samples can be positioned a few centimeters from the target for a very high dose or more than a meter away for a lower dose.

"Hefty doses of x rays smack the samples very hard and launch shockwaves through them. Interesting physics happens."

—National Security Applications Program Manager Brent Blue

When NIF's laser energy is applied, the immense heat causes the target to emit x rays that are unique to the target's material. If x rays with different characteristics are needed, the material is changed. At about a gram or less, some targets are solids while some are gases.

NIF has fielded radiation-effects targets made of low-density silver foams, not much denser than air. Instead of the laser stopping at the surface as with a solid wall, it can propagate through the foam, allowing uniform heating across its volume.

NIF can also generate and tune bright sources of neutrons at 14 million electron volts (MeV). Neutrons will pass through a sample, but still interact with the material. Neutron and electromagnetic pulse experiments also investigate damage effects on electronics. A single neutron passing through a transistor is enough to change its performance.

## NSA Instruments in the NIF Target Chamber

(Above) Positioned inside the Target Chamber are the snout on TANDM (bottom), the target positioner (top left), and a time resolved x-ray spectrometer (top right). (Below) When struck by the laser, a target filled with xenon gas emits x rays at 4.5 keV.

## NSA Target Shot

These shots leverage targets from the inertial confinement fusion program. NSA shots have used cryogenic, indirectly driven capsules inside hohlraums to generate neutrons but also have used direct-drive capsules, which are directly impacted by the lasers.

Another advantage of NIF is that shots generate very little debris. This is especially important for experiments using x rays to investigate how shocks are transmitted through a sample. The x rays from the target, followed by target debris, will hit the sample. Too much debris could obscure the signal from the x rays.

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"STAR Array Tests Materials' Response to Strong X-ray Shocks," NIF & Photon Science News, December 17, 2019

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Developing New Capabilities

Image of a White Dwarf Star

The immense gravity of a white dwarf star—the final stage of evolution for most stars in the universe—pulls matter from a companion star. NIF has developed the ability to exert pressures on materials that are relevant to the conditions in the carbon envelopes of white dwarfs.

Every program that wants to remain on the forefront of science and technology must frequently infuse new ideas. One of the NIF & Photon Science Directorate's key goals is developing new capabilities to meet the scientific challenges of the future.

NIF's ability to reach the highest possible pressures in controlled laboratory experiments has launched an exciting new era of high energy density science.

To advance our laser design and engineering acumen, NIF&PS developed the petawatt-class Advanced Radiographic Capability (ARC), the world's most energetic short-pulse laser; then built on its experience with ARC to design and construct another world-class laser, the innovative High-Repetition-Rate Advanced Petawatt Laser System (HAPLS). Now installed at the Extreme Light Infrastructure Beamlines facility in the Czech Republic (Czechia), HAPLS pushes

the limits of high-repetition-rate, high-average-power petawatt lasers and again shows that LLNL continues to be a world leader in innovative lasers.

In addition, NIF has the unique ability to re-create, on a vastly smaller scale, the same physical processes that astronomers can only glimpse through a telescope. Laboratory experiments on NIF help scientists gain new insights into the mechanisms driving new and dying stars, supernova hydrodynamics, black holes, cosmic magnetic fields, warm dense matter, and the interiors of giant planets (see Discovery Science).

#### Putting the Squeeze on Materials

Many NIF high energy density experiments are aimed at providing clues to changes in the properties of materials subjected to ultrahigh pressures.

#### The EOS Experimental Configuration

The experimental configuration for a NIF equation-of-state experiment. A schematic of the target (right) shows the laser beams striking the inside of a hollow gold cylinder (a hohlraum), generating an x-ray-filled cavity that compresses the solid spherical target inside the hohlraum. The zinc foil x-ray backlighter to the right of the hohlraum generates the bright x-ray illumination used in the streaked x-ray radiography data (left), showing the shock front and the self-emission shock flash at the target's core upon shock convergence. Using NIF, researchers have developed an experimental capability for measuring the equation of state (EOS) and other basic properties of matter at pressures ranging from 100 to 450 megabars (100 to 450 million times Earth's atmospheric pressure)—the highest pressures ever achieved in laboratory EOS measurements.

Knowing the EOS—the thermodynamic relationship between the energy content of a mass of material, its volume, and its temperature—is essential for determining how matter behaves at high energy densities. Such dynamic phase transitions can be studied in materials such as carbon, lead, iron, tantalum, and uranium. These conditions are relevant, for example, to the carbon envelopes of white dwarfs—stars that have exhausted their nuclear fuel and collapsed into hot, super-dense mixtures of carbon and oxygen.

LLNL researchers also have pioneered a technique known as ramp compression to apply a carefully tailored laser pulse shape that more “softly” compresses a material without forming a shock. NIF's ability to tweak pulse-shaping keeps temperatures low enough to preserve the sample's solid state.

By employing x-ray diffraction, which determines the crystal structure of solids, ramp-compressed samples can be probed by diffraction of x rays generated by a laser-driven source foil. The resulting diffraction lines provide insights into phase changes, or structural transitions, that can occur in materials under extreme pressure.

Using the unique TARDIS experimental platform, the researchers have measured x-ray diffraction to more than 20 megabars (20 million times Earth's atmospheric pressure) to determine the crystal structure, measure the density, and evaluate the strain-induced texturing of a variety of compressed samples.

TARDIS provides important information on the characteristics of materials used in nuclear weapons as they age or are subjected to the immense pressures and temperatures of a thermonuclear explosion, as well as materials found in the center of stars and giant planets (see “NIF's TARDIS Aims to Conquer Time and Space”).

Researchers at the National Ignition Facility put the extreme squeeze on critical materials machined to exacting specifications. Read more about it in Science & Technology Review (S&TR): <https://str.llnl.gov/2019-09/eggert>.

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#### Image of Fluid Metallic Hydrogen

Unraveling the properties of fluid metallic hydrogen at the National Ignition Facility could help scientists unlock the mysteries of Jupiter's formation and internal structure. Credit: Mark Meamber/LLNL

Since the beginning of civilization, humans have marveled at the night sky and pondered the vast stretches of the universe. The 17th century invention of telescopes revealed the first details of the Moon and the planets in our solar system. Four hundred years later, space-based observatories such as NASA's Hubble, Chandra, and James Webb regularly capture amazing vistas of billions of galaxies millions of light years away; while deep-space probes provide up-close data on the surface conditions on nearby planets and their moons.

"From nuclear physics to colliding galaxies, the reach of NIF Discovery Science seems bounded only by our own intellectual imaginations."

—Discovery Science Program Leader Bruce Remington

And while we haven't invented mighty starships to physically transport us to these distant worlds just yet, scientists now have a laboratory on Earth to better interpret astronomical observations, refine the latest models of how stars and planets are born and die, and strengthen their understanding of the workings of the cosmos. That laboratory is the National Ignition Facility.

NIF's Discovery Science program offers opportunities for a broad range of users to perform experiments in high energy density science, including laboratory astrophysics (the branch of astronomy focused on understanding the physics of the universe), planetary science, high-pressure materials science, unique regimes of plasma physics, nuclear science, and particle acceleration. At the same time, the program provides a variety of benefits to NIF's other missions and affords unique research opportunities to LLNL scientists as well as outside users.

The mechanisms that drive stars and other astrophysical phenomena such as supernovas, black holes, astrophysical shocks, and even planetary interiors are not well understood. By creating tiny parcels of plasma (a mixture of ions—atoms which have lost some or all of their electrons—and free electrons) under extreme conditions, scientists can better understand these physical processes and test theories previously based primarily on distant observations (see "Giant lasers help re-create supernovas' explosive, mysterious physics").

## Remington Collisionless Shock Team

Discovery Science Program Leader Bruce Remington (right) meets with a team studying astrophysical collisionless shocks on NIF. Clockwise from Remington are Mario Manuel, General Atomics; Samuel Totorica, Stanford University graduate student; Dmitri Ryutov, Drew Higginson, and Hans Rinderknecht,; Youichi Sakawa, Osaka University; Chikang Li, MIT; and Hye-Sook Park, LLNL. Credit: Jason Laurea

The Discovery Science program provides scientists with powerful tools to explore matter at extraterrestrial conditions right here on Earth, while helping to make our nation's nuclear stockpile safe and reliable (see "NIF and Stockpile Stewardship"). NIF's 192 laser beams can simulate the extreme temperatures and crushing pressures found in stars and planets; this lets researchers test what happens to different materials and elements under those conditions.

## International Partnerships

About 8 percent of NIF's 400 experiments each year are set aside for these basic science campaigns. More than 100 Discovery Science experimental campaigns have been conducted or planned. They involve teams from two dozen of the most prestigious universities, national labs, and research organizations in the United States, Europe, and Asia, often working in partnership with each other. Each team also works closely with an LLNL scientist.

## Nature Cover

Nature's July 2014 cover story highlighted NIF Discovery Science experiments. The roster includes Stanford, UC Berkeley, UC San Diego, Oxford, Princeton, MIT, Osaka University, the University of Rochester's Laboratory for Laser Energetics, Los Alamos National Laboratory, Rutherford Appleton Laboratory and the Atomic Weapons Establishment in the UK, the French Alternative Energies and Atomic Energy Commission (CEA), the Israel Atomic Energy Commission, and General Atomics.

These experiments create an academic pipeline, allowing students to experience first-hand all that NIF and LLNL have to offer. They also provide NIF scientists opportunities for peer review, prestigious publications, and broader collaborations.

Researchers have compressed a diamond sample to a record 50 million megabars—the pressure of 50 million Earth atmospheres—to recreate conditions that exist inside Jupiter, Saturn, and other planets. They have revealed how fluid hydrogen transforms into a metallic substance, bringing new insight into the structure and formation of giant planets and solar systems.

Another campaign seeks to recreate conditions found inside stars. And researchers have created collisionless shocks to study astrophysical phenomena such as supernova remnants, gamma-ray bursts from active galactic nuclei, and cosmic magnetic fields.

#### Illustration of Cosmic-Ray "Air Showers"

An illustration of "air showers" that result when ultra-high-energy cosmic rays strike the top of the Earth's atmosphere and collide with air nuclei, producing other particles that lose most of their energy before reaching the ground. The origins of the highest-energy cosmic rays, which tend to be nuclei from heavier elements such as carbon and iron, are uncertain. Many scientists believe they are produced during supernova explosions, but recent studies indicate that they might be sent on their way by activity near the black holes at the center of the Milky Way and other galaxies. Credit: Asimmetrie/INFN, via CERN

Discovery Science experiments also create the need for new diagnostic instruments, like TARDIS, NIF's target diffraction in-situ platform. Originally developed to investigate a new diamond-like crystal structure of carbon, the platform was later used to study the properties of uranium and plutonium for stockpile stewardship experiments.

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Hydrodynamics of a Supernova

False-color Chandra X-ray Observatory image of supernova remnant E0102.2-72, the spectacular remains of a core-collapse supernova located about 190,000 light-

years away in the Small Magellanic Cloud in the constellation Tucana. The expanding multimillion-degree remnant is about 30 light-years across. What appear to be Rayleigh-Taylor "spikes" can be seen in the outer edge of the expanding supernova remnant as the expanding envelope is decelerated by the circumstellar medium. Credit: (x-ray) NASA/CXC/MIT/D. Dewey et al. & NASA/CXC/SAO/J. DePasquale; (optical) NASA/STScI

NIF experiments support studies relevant to the entire lifecycle of a star, from its formation from cold gas in molecular clouds, through its subsequent slow evolution, and on to what might be a rapid, explosive death. To determine a star's structure throughout the various stages of its life, astrophysicists need NIF's ability to mimic the temperatures (10 to 30 million kelvins or 18 to 54 million degrees Fahrenheit) found in stars' cores.

One astrophysics project at NIF is investigating the evolution of turbulence in supernova explosions. In a core-collapse supernova, a star with 10 times or more mass than our Sun uses up the nuclear fuel at its core element by element, starting with hydrogen and working up the periodic table. As each fuel is consumed, the star develops an onion-like structure, with layers differing in density and material.

#### Fingers of Matter

Once the fusion process can no longer compete with the pull of gravity, the star's core collapses in a few seconds, triggering a powerful explosion that sends a shock wave back through the star. Propelled by the shock wave, fingers of matter from heavier layers penetrate the overlying lighter shells, resulting in Rayleigh-Taylor hydrodynamic instabilities (the same instabilities that can degrade NIF implosions).

The violent collapse produces an enormous number of neutrinos and many complex hydrodynamic effects. The resulting explosion appears as a bright flash of ultraviolet light followed by an extended period of luminosity that is initially brighter than the star's entire galaxy. The explosion leaves behind a remnant that is either a neutron star or a black hole.

#### Astrophysical Shock Waves

Another NIF astrophysics campaign is probing the formation of turbulent collisionless shocks in conditions relevant to young supernova remnants by creating a hydrodynamically scaled version of the shock in the laboratory.

Astrophysical collisionless shocks are among the most powerful particle accelerators in the Universe. Generated by violent interactions of supersonic plasma flows with the interstellar medium, supernova remnant shocks amplify magnetic fields and accelerate electrons and protons to speeds approaching the speed of light.

Astrophysical shocks develop turbulence at very small scales, however—too small to be seen by astronomical observations—that helps accelerate electrons at the shock wave before being boosted up to their final velocities.

Researchers conducted laser-driven plasma flow experiments on NIF to probe the formation of turbulent collisionless shocks in conditions relevant to young supernova remnants. They were able to identify the mechanism that allows electrons to be accelerated by small-scale turbulence produced within the shock transition. Their observations provide new insight into electron injection at shocks and open the way for controlled laboratory studies of the physics underlying cosmic accelerators.

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Nuclear Astrophysics

Image of a NIF Target Shot

Shot-time image from a NIF experiment simulating stellar nucleosynthesis fusion reactions.

One of the great scientific challenges is understanding how elements form. This process, called nucleosynthesis, occurs at extreme stellar temperatures and pressures, making it difficult to simulate in the laboratory. The conditions produced by NIF experiments, however, are well matched to the conditions that exist in stars in several phases of their evolution. As a result, NIF is a powerful tool for exploring nuclear astrophysics.

Elements heavier than iron are formed either slowly, during the life of a star, or rapidly, during a star's last few seconds. NIF can more realistically replicate the hot, dense stellar plasma where both processes occur in nature than is possible in other laboratory experiments.

Livermore physicists have been studying the slow nucleosynthesis process, or s-process. This reaction has a relatively large cross-section—a quantity that describes the probability that reactants will undergo a fusion reaction—at stellar temperatures and densities, so it has been studied to high accuracy in laboratory experiments using low-energy accelerators.

Measuring Nuclear Cross Sections

Accelerator experiments have measured the cross sections for most stable nuclei. Measuring cross sections of unstable short-lived nuclei has been impossible, however, in part because such studies would require unsafe quantities of radioactive material. Another complication is that nuclei in a stellar plasma often exist in excited states that modify capture probability.

Comparison of the Sun and a NIF Implosion

Despite staggering differences in mass and scale—the sun (left) is approximately 1,038 times more massive and 1,013 times larger—NIF implosions (right) are being used to recreate the conditions found in the deep interiors of stars.

NIF holds advantages over accelerators. Laser experiments require a much smaller quantity of radioactive material than accelerators, allowing the experiments to be safely performed. Radioactive (or short-lived) elements can also be directly created at NIF, but not in accelerators.

In experiments using the indirect-drive approach to inertial confinement fusion (ICF), the NIF lasers drove a gas-filled capsule implosion, heating target capsules to extraordinary temperatures and compressing them to high densities where fusion reactions can occur. These experiments were the first thermonuclear measurements of nuclear reaction cross sections in high-energy-density plasma conditions that are equivalent to the burning cores of giant stars, 10 to 40 times more massive than the sun.

With NIF, scientists can produce stellar conditions with much higher quantities of neutrons. In addition, the laser energy compresses the target, reducing its area by a factor of 1,000, boosting the density of nuclei, and increasing the probability of a neutron hitting a nucleus.

Because of the additional neutrons and the extremely dense target material, an astonishing 2,800 years of stellar neutron capture occurs in every NIF shot. Even for short-lived nuclei, multiple reactions are possible in a single shot, potentially advancing scientific understanding of nucleosynthesis far more rapidly than accelerator-based experiments.

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Composite Photo of Lasers Probing the Core of Jupiter

Lawrence Livermore scientists have experimentally re-created the conditions that exist deep inside giant planets, such as Jupiter, Uranus and many of the planets recently discovered outside our solar system. Credit: Damien Jemison

Some of the most intriguing NIF experiments test the physics believed to determine the structures of planets down to their cores, both in our solar system and beyond.



In particular, scientists are using NIF to “explore” recently discovered exoplanets by duplicating the extreme conditions thought to exist in their interiors. Thousands of extrasolar planets have been identified, some smaller than Earth and others a dozen times more massive than Jupiter.

#### Image of NIF Lasers Probing a Planetary Core

NIF’s lasers are focused onto a multi-stepped iron sample at the center of the 10-meter-diameter Target Chamber. Experiments measure the equation of state of iron under core conditions of large rocky exoplanets. Credit: Bethany

Vukomanovic

There is intense scientific interest in understanding how these exoplanets might have formed billions of years ago, the composition of their interiors, and whether they could support an atmosphere or even some form of life.

#### Limitations to Modeling

Observational data provide only a rough estimate of an object’s size and mass, so scientists must supplement exploration with modeling. This approach, however, has its limitations because models are based on our solar system, and many planetary systems do not closely resemble ours. Accessing densities and temperatures like those deep within planets through lab experiments lets scientists refine their calculations and models to better understand the structure and formation of bodies both distant and close to home.

A major factor in unraveling the interior structure of planets is accurately predicting material behavior, or determining the relevant equations of state, under extreme pressure. Equations of state express the relationship between pressure, temperature, and volume and are used to generate computational models of material behavior.

#### Squeezing Diamond

NIF experiments designed to replicate the conditions believed to exist in the cores of “super-Earth” extrasolar planets (those 3 to 20 times more massive than Earth) are providing clues to planet formation and structure as well as to the exotic behavior of materials at high densities. Diamond—a form of carbon—is especially interesting to astrophysicists because carbon is the fourth most abundant element in the universe. Icy giant planets such as Neptune and Uranus contain large quantities of methane that decompose at high pressures and temperatures, possibly forming diamond-rich interior layers. Some scientists theorize that large planets like Uranus could have diamond icebergs floating in a methane sea.

Researchers have conducted experiments on NIF in which a sample of diamond was compressed to a pressure of more than 50 million times Earth’s atmospheric pressure. Such conditions are believed to exist in the cores of exoplanets up to 20 times more massive than Earth.

These experiments feature a technique called ramp compression to keep the diamond sample relatively cool—less than 10,000 kelvin (about 9,700°C)—compared with 30 million kelvin in shock compression experiments. With ramp compression, materials remain in solid form at higher pressures than they would in standard, nearly instantaneous shock physics experiments (see Developing New Capabilities).

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Artist's Concept of Astrophysical Magnetic Fields  
Artist's concept of astrophysical magnetic fields suffusing the Milky Way galaxy. Credit: BBC

Almost all of the observable matter in the universe is in the plasma state. Formed at high temperatures, plasmas consist of freely moving ions—atoms which have lost some or all of their electrons—and free electrons. They are often called the “fourth state of matter” because their unique physical properties distinguish them from solids, liquids, and gases.

Plasma densities and temperatures vary widely, from the cold gases of interstellar space to the extraordinarily hot, dense cores of stars and inside a detonating nuclear weapon. Plasma densities range from those in a high vacuum with only a few particles inside a volume of 1 cubic centimeter to 1,000 times the density of a solid.

#### The Mystery of Self-organization

Scientists are using NIF to emulate plasma phenomena occurring in nature, such as interpenetrating plasmas. One of the mysteries of astrophysics is how highly organized structures such as magnetic fields stretching millions of light years can emerge from the frenetic motion of plasmas. An international Discovery Science campaign known as Turbulent Dynamo, or TDyno, is studying how small “seed” magnetic fields are amplified under the kind of turbulent plasma conditions that exist throughout the cosmos.

#### Images Showing the Evolution of Plasma Turbulence

The initial gated x-ray detector (GXD) images from a TDyno experiment show the evolution of plasma turbulence over time.

The process by which this happens is called the turbulent dynamo mechanism. In everyday life, dynamos are machines that convert mechanical energy into electric energy. This is the way scientists believe seed magnetic fields in the early universe are amplified to the point where the plasma's magnetic energy is on par with its kinetic energy, as is observed today.

The researchers trained intense, short-duration laser pulses on the end of a thin carbon rod (like the tip of a needle) held inside a helium-filled chamber to create shock waves. As the shock wave moved through the plasma in the chamber, a magnetic field was generated. Scientists believe this is what occurs in galactic clusters. While the initial seed fields are miniscule, simulations show that they could be amplified over about 700 million years to the strength we see in galactic clusters through the turbulent dynamo mechanism.

#### Studying Collisionless Shocks

Researchers also are using NIF to investigate whether intersecting plasmas created by lasers are capable of forming collisionless shocks (where plasma constituents pass by largely without colliding with each other). Collisionless shocks are thought to be one of the mechanisms that can create seed magnetic fields, which the turbulent dynamo can then amplify.

Collisionless shocks appear in a wide array of exotic astronomical settings such as violent solar flares, outbursts from galaxies, and supernova remnants. Astrophysical collisionless shocks can't be directly measured, so scientists look to laboratory experiments to better understand these phenomena.

NIF is the only facility capable of creating plasmas with sufficiently high density (greater than 10<sup>20</sup> particles per cubic centimeter), high flow velocity

(greater than 2,000 kilometers per second), and high temperature (greater than 1,000 electron volts) to approximate the astrophysical conditions observed in space.

#### Creating Anti-Matter

NIF has produced the first relativistic electron-positron pair plasmas in a laboratory, enabling experiments on a state of matter found only in gamma-ray bursts, black holes, active galaxies, and the universe shortly after the Big Bang.

NIF experiments are designed to produce antimatter plasma at nearly the speed of light. These experiments use the Advanced Radiographic Capability, which produces more penetrating, higher energy x rays than is possible with conventional radiographic techniques.

Scientists first theorized nearly 40 years ago that ultra-intense lasers could generate antimatter. NIF will be essential to understanding antimatter plasma as well as many other fundamental plasma physics processes.

#### Measuring Plasma Stopping Power

A team of LLNL and Los Alamos National Laboratory researchers has conducted a series of experiments on NIF aimed at determining the stopping power, or rate of energy loss, of particles passing through inertial confinement fusion (ICF) plasma. They did this by measuring rare reaction-in-flight (RIF) neutrons produced by the implosion. The production of RIF neutrons is controlled by the stopping power in the plasma.

The experiments took advantage of NIF's ability to create an unusual "partially degenerate" form of plasma. Degeneracy is the tendency of highly compressed subatomic particles such as electrons and neutrons to resist further compression. The interiors of super-dense white dwarfs and neutron stars, for example, are highly degenerate. Partial degeneracy characterizes the interiors of the lowest-mass stars, brown dwarfs, and giant planets.

The experiments enable scientists to learn more about the conditions in stellar objects like brown dwarfs, other astrophysical conditions, and the physics encountered in ICF implosions.

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Expanding Photonics Frontiers

Artist's Rendering of Matter-Antimatter Plasma

Four laser beamlets from NIF's petawatt-class Advanced Radiographic Capability strike a gold target's cone, generating relativistic (near light speed) electrons that interact with the gold atoms to produce gamma rays. The gamma rays convert into electrons and positrons. The positrons exit the target in jets that interact with the hot electron cloud to form matter-antimatter plasma.

Credit: Mark Meamber

Along with its primary missions—stockpile stewardship, high energy density science, Discovery Science, and energy security—the NIF & Photon Science Directorate also pursues research and development projects to innovate and develop cutting-edge technologies in support of those missions. The Directorate's Photon Science program reflects the Laboratory's core competency in lasers and optical science and technology.

NIF&PS is a long-standing world leader in developing advanced high-energy, high-average-power, pulsed, and ultrafast laser systems.

Photon Science advances the frontiers of photonics by conducting photon-based

projects for energy, defense, homeland and stockpile security, basic science, and industrial competitiveness. The program strategically invests in new technologies and the development of large-scale photonic systems for federal and international agencies and industry sponsors.

Specific areas of the program's technical expertise include petawatt (quadrillion-watt) peak-power and megawatt average-power laser technology, meter-scale diffractive optics, and the development of advanced laser crystals, fiber lasers, and transparent ceramics.

#### Directed Energy Technology Programs

##### Image of Airborne Laser Beams

NIF&PS Directed Energy Technology Programs (DE Technology Programs) provide:

Laser systems design

Engineering and production for specific national security-related applications and missions

Experimentally validated first-principles understanding of weapon lethality and vulnerability, and

Evaluation and prediction of the emergence of potential threats

DE Technology Programs are developing laser systems that will enable the tactical and strategic laser missions of the 21st century. Laser-based directed energy (DE) has the advantages of a deep magazine, low cost per shot, and delivery of energy to the target at the speed of light.

LLNL's technological advances in high-energy laser sources and multiphysics modeling and simulation capabilities drawn from the weapons program enable unique understanding of laser-matter interactions. In addition, many component technologies are offshoots of the Department of Energy's investment in lasers at LLNL, such as innovations in:

Scaled, semiconductor diode-laser pump arrays

Optical fiber technology and advanced adaptive optics (see Fiber Lasers)

Large-scale optics

Multilayer dielectric gratings, and

Radio-frequency (RF) photonics

#### DE Technology Programs: Diffractive Optical Systems Section

The Diffractive Optical Systems Section within DE Technology Programs develops, creates, and provides critical optical components for laser-based missions at LLNL. Past projects focused on kinoform phase plates for LLNL's Nova laser and on large-area, submicron-pitch holographic diffraction gratings for the Laboratory's Advanced Radiographic Capability, a petawatt (quadrillion-watt)-class ultrashort-pulse laser.

Today, the optical systems team designs and fabricates a variety of custom diffractive optics for researchers worldwide, including:

Multilayer dielectric and gold-overcoated master diffraction gratings for pulse compression (up to 1 meter in diameter).

Ion-beam-etched transmission gratings.

Wet-etched gratings.

Multilevel-etched Fresnel lenses and phase plates (up to meter-scale).

Segmented Fresnel lenses (multiple-meter scale).

Continuous-contour optics, such as phase plates fabricated by wet-etch figuring.

Replicated polymeric freestanding and attached diffractive films (at 50-centimeters scale), and

Many other specialty optics.

Researchers Demonstrate Multilayer Dielectric Diffraction Gratings

Multilayer dielectric diffraction gratings up to 1 meter in diameter are manufactured entirely at LLNL and optimized for a diffraction efficiency of greater than 90 percent.

Meter-scale, lightweight diffractive lenses are being developed for next-

generation space-based applications. The program has designed and fabricated large-aperture holographic gratings for high-power laser applications. LLNL provides large-aperture diffraction gratings to high-energy petawatt projects throughout the world.

Traditionally, LLNL has had world-leading efforts in fabrication of large-area laser and non-linear optical crystals. Recently, LLNL has also developed an ability to produce device-scale, laser-quality transparent ceramic optics with an emphasis on designer laser materials and components that will enable new, compact and efficient laser architectures for energy and defense applications. These efforts have been essential to expanding LLNL's international leadership of average-power, high-peak-power and high-photon-energy systems and applications (see Advanced Photon Technologies).

#### Researchers Demonstrate Diffractive Membrane Optic

The first diffractive membrane optic, designed for a Defense Advanced Research Projects Agency (DARPA) project, was completed on July 25, 2011. The 80-centimeter-diameter, 18-micron-thick optic with 4-micron-wide critical dimensions was printed and etched using LLNL's diffractive optic manufacturing capabilities.

[More Information](#)

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Next up: Advanced Photon Technologies

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Fusion Energy Image

Our planet faces a daunting challenge this century: closing the gap between projected energy demand and the supply of reliable, sustainable, affordable energy.

Global energy demand is projected to rise by about 15 percent by 2050 compared to 2023. The largest growth is expected in global electricity demand, nearly doubling due to increased electrification.

A pickup truck filled with fusion fuel has the equivalent energy of 2 million metric tons of coal, or 10 million barrels of oil.

One emerging technology that can help meet this demand is nuclear fusion. Fusion can potentially provide an abundant and safe source of reliable primary energy. Commercial fusion energy has the potential to revolutionize the energy industry, help achieve energy abundance and security, and help meet the growing energy needs of the United States and the world. Fusion may also potentially provide a combined source of energy in the form of heat and power for hydrogen production, industrial heat, carbon capture, and desalination.

One fusion concept being studied at LLNL is a laser-based inertial fusion energy (IFE) system that would build on the inertial confinement fusion (ICF) experiments conducted on NIF in support of the National Nuclear Security Administration's science-based Stockpile Stewardship Program. IFE promises a viable development path toward laser-powered safe and sustainable fusion energy.

The nuclear power plants in use around the world today use fission, or the splitting of heavy atoms such as uranium, to release energy for electricity. A fusion power plant, on the other hand, will generate energy by fusing atoms of deuterium and tritium, two isotopes of hydrogen—the lightest element. Deuterium is extracted from abundant seawater, and tritium is produced by the transmutation of lithium, a common element in the Earth's crust and oceans.

Photo of Power Lines

When the hydrogen nuclei fuse under the intense temperatures and pressures in the NIF target capsule, a helium nucleus is formed and a small amount of mass lost in the reaction is converted to a large amount of energy according to Einstein's famous formula  $E=mc^2$ .

Needed: Energy Gain

Harnessing the energy of the sun and stars to meet the Earth's energy needs has been a scientific and engineering challenge for decades. While a self-sustaining fusion burn leading to fusion ignition has been achieved for brief periods under experimental conditions, the total amount of energy that went into powering the lasers was far greater than the amount of energy it generated.

What's needed next, for fusion energy to supply a continuous stream of electricity, is net energy gain—more energy produced by the fusion reactions than the energy required to operate the facility. The National Ignition Facility was the first ICF facility to demonstrate ignition—as much or more energy produced than the amount of energy consumed by the target. NIF reached that milestone on Dec. 5, 2022, when an ICF experiment generated more than 3 megajoules (MJ) of fusion energy—50 percent more than the 2.05 MJ of ultraviolet laser energy deposited on the target. That achievement has been repeated multiple times in the succeeding months. NIF's fusion targets are potentially capable of releasing 10 to 100 times more energy than the laser energy required to initiate the fusion reaction.

Achieving ignition is helping provide the data and insights, such as the energy requirements, target designs, and laser drivers, needed to make decisions on how to pursue IFE. An IFE power plant will have to operate at high repetition rates (5 to 20 pulses per second) while delivering an energy gain of about 10 per



pulse. Recently LLNL designed and developed the world's first petawatt (quadrillion-watt) laser system—the High-Repetition-Rate Advanced Petawatt Laser System (HAPLS)—capable of operating at 10 pulses per second. HAPLS is now supporting high energy density, materials science, medicine, biology, and industry experiments at the ELI-Beamline Facility in Czechia (the Czech Republic).

And in the wake of the repeated ignition success at NIF, LLNL has launched an IFE Institutional Initiative to explore the requirements for an IFE power plant. In December, 2023, the Laboratory was named by the U.S. Department of Energy to lead the IFE Science and Technology Accelerated Research for Fusion Innovation and Reactor Engineering (STARFIRE) Hub, a four-year, \$16-million project to accelerate IFE science and technology.

A fusion power plant would operate continuously to meet demand and would not require geological disposal of radioactive waste. A fusion power plant would also present no danger of a meltdown.

Because nuclear fusion offers the potential for virtually unlimited safe and sustainable energy, the U.S. Department of Energy has made fusion a key element in the nation's long-term energy plans, with investments in both IFE and magnetic fusion energy and with the ability to leverage the investments from the National Nuclear Security Administration's defense programs that support NIF.

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Plasma Physics

Artist's Concept of Astrophysical Magnetic Fields  
Artist's concept of astrophysical magnetic fields suffusing the Milky Way galaxy. Credit: BBC

Almost all of the observable matter in the universe is in the plasma state. Formed at high temperatures, plasmas consist of freely moving ions—atoms which have lost some or all of their electrons—and free electrons. They are often called the “fourth state of matter” because their unique physical properties distinguish them from solids, liquids, and gases.

Plasma densities and temperatures vary widely, from the cold gases of interstellar space to the extraordinarily hot, dense cores of stars and inside a detonating nuclear weapon. Plasma densities range from those in a high vacuum with only a few particles inside a volume of 1 cubic centimeter to 1,000 times the density of a solid.

#### The Mystery of Self-organization

Scientists are using NIF to emulate plasma phenomena occurring in nature, such as interpenetrating plasmas. One of the mysteries of astrophysics is how highly organized structures such as magnetic fields stretching millions of light years can emerge from the frenetic motion of plasmas. An international Discovery Science campaign known as Turbulent Dynamo, or TDyno, is studying how small “seed” magnetic fields are amplified under the kind of turbulent plasma conditions that exist throughout the cosmos.

#### Images Showing the Evolution of Plasma Turbulence

The initial gated x-ray detector (GXD) images from a TDyno experiment show the evolution of plasma turbulence over time.

The process by which this happens is called the turbulent dynamo mechanism. In everyday life, dynamos are machines that convert mechanical energy into electric energy. This is the way scientists believe seed magnetic fields in the early universe are amplified to the point where the plasma's magnetic energy is on par with its kinetic energy, as is observed today.

The researchers trained intense, short-duration laser pulses on the end of a thin carbon rod (like the tip of a needle) held inside a helium-filled chamber to create shock waves. As the shock wave moved through the plasma in the chamber, a magnetic field was generated. Scientists believe this is what occurs in galactic clusters. While the initial seed fields are miniscule, simulations show that they could be amplified over about 700 million years to the strength we see in galactic clusters through the turbulent dynamo mechanism.

#### Studying Collisionless Shocks

Researchers also are using NIF to investigate whether intersecting plasmas created by lasers are capable of forming collisionless shocks (where plasma constituents pass by largely without colliding with each other). Collisionless shocks are thought to be one of the mechanisms that can create seed magnetic fields, which the turbulent dynamo can then amplify.

Collisionless shocks appear in a wide array of exotic astronomical settings such as violent solar flares, outbursts from galaxies, and supernova remnants. Astrophysical collisionless shocks can't be directly measured, so scientists look to laboratory experiments to better understand these phenomena.

NIF is the only facility capable of creating plasmas with sufficiently high density (greater than 10<sup>20</sup> particles per cubic centimeter), high flow velocity

(greater than 2,000 kilometers per second), and high temperature (greater than 1,000 electron volts) to approximate the astrophysical conditions observed in space.

#### Creating Anti-Matter

NIF has produced the first relativistic electron-positron pair plasmas in a laboratory, enabling experiments on a state of matter found only in gamma-ray bursts, black holes, active galaxies, and the universe shortly after the Big Bang.

NIF experiments are designed to produce antimatter plasma at nearly the speed of light. These experiments use the Advanced Radiographic Capability, which produces more penetrating, higher energy x rays than is possible with conventional radiographic techniques.

Scientists first theorized nearly 40 years ago that ultra-intense lasers could generate antimatter. NIF will be essential to understanding antimatter plasma as well as many other fundamental plasma physics processes.

#### Measuring Plasma Stopping Power

A team of LLNL and Los Alamos National Laboratory researchers has conducted a series of experiments on NIF aimed at determining the stopping power, or rate of energy loss, of particles passing through inertial confinement fusion (ICF) plasma. They did this by measuring rare reaction-in-flight (RIF) neutrons produced by the implosion. The production of RIF neutrons is controlled by the stopping power in the plasma.

The experiments took advantage of NIF's ability to create an unusual "partially degenerate" form of plasma. Degeneracy is the tendency of highly compressed subatomic particles such as electrons and neutrons to resist further compression. The interiors of super-dense white dwarfs and neutron stars, for example, are highly degenerate. Partial degeneracy characterizes the interiors of the lowest-mass stars, brown dwarfs, and giant planets.

The experiments enable scientists to learn more about the conditions in stellar objects like brown dwarfs, other astrophysical conditions, and the physics encountered in ICF implosions.

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The concept of different planes of existence and their relation to consciousness is a fascinating and complex topic that has been explored across various spiritual, philosophical, and even scientific traditions. Here's a succinct guide summarizing some of the key perspectives and discussions from Redditors on this topic:

Buddhist Cosmology: 31 Planes of Existence

Buddhist cosmology describes 31 planes of existence, which are divided into three realms: the Sensuous Realm, the Form Realm, and the Formless Realm. These planes are not necessarily literal physical locations but rather different states of being or realms of experience.

Sensuous Realm: Includes human and animal realms, as well as various heavens and hells. "Generally, the six realms of samsara come about through a certain 'mix' of the three root afflictions being present."

Form Realm: Higher planes where beings have subtle bodies and experience pure meditation. "They are not 'literal places' in the sense that you cannot board a spaceship and travel to Tusita heaven."

Formless Realm: The highest planes where beings exist without a physical form, in states of pure consciousness. "I have a question! So do all the buddhas reside in the formless realm?"

Theosophy: 7 Planes of Being

Theosophy, a spiritual philosophy, describes seven planes of existence, each with different densities and characteristics.

Physical Plane: The most dense and tangible level of existence. "The most tangible and dense level of existence, encompassing matter, energy, and space-time."

Etheric Plane: A subtle energy field that supports the physical body. "A subtle energy field that supports and sustains the physical body."

Astral Plane: A realm of emotions and desires. "The astral plane, like all the other planes, has its own scenery, its own inhabitants, and its own laws."

Scientific and Philosophical Perspectives

Many Redditors discuss the concept of different planes of existence from a more scientific or philosophical viewpoint, often skepticism.

**Complexity and Consciousness:** Some believe that consciousness arises from the complexity of the brain. "Fairly simple creatures have sensory systems and motor systems. You can make more sophisticated versions of these that become control systems with instincts and memory. Keep adding layers you get consciousness."

**Hard Problem of Consciousness:** Others argue that complexity alone cannot explain the emergence of conscious experience. "Congratulations you have discovered the hard problem."

**Higher Dimensions:** Some speculative theories suggest that consciousness might be linked to higher dimensions. "Scientists, as scientists, can establish no such link."

#### Personal Experiences and Insights

Some Redditors share personal experiences and insights related to different planes of existence, often in a more metaphorical or spiritual sense.

**Gifted Individuals:** A few gifted individuals describe feeling like they are on a different plane of existence due to their unique way of thinking. "It feels like I walk on a different plane of existence, I'm so wrapped up in my own head and I have no idea how other people think."

**Spiritual Awakening:** Others discuss the concept of different planes in the context of spiritual awakening and increased awareness. "welcome to spirituality. Now the deep thinking really begins :)"

#### Subreddits for Further Exploration

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r/DeepThoughts

These subreddits can provide more in-depth discussions and additional perspectives on different planes of existence and their relation to consciousness.

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The concept of different planes of existence and their relation to consciousness is a fascinating and complex topic that has been explored across various spiritual, philosophical, and even scientific traditions. Here's a succinct guide summarizing some of the key perspectives and discussions from Redditors on this topic:

**Buddhist Cosmology: 31 Planes of Existence**

Buddhist cosmology describes 31 planes of existence, which are divided into three realms: the Sensuous Realm, the Form Realm, and the Formless Realm. These planes are not necessarily literal physical locations but rather different states of being or realms of experience.

**Sensuous Realm:** Includes human and animal realms, as well as various heavens and hells. "Generally, the six realms of samsara come about through a certain 'mix' of the three root afflictions being present."

**Form Realm:** Higher planes where beings have subtle bodies and experience pure meditation. "They are not 'literal places' in the sense that you cannot board a spaceship and travel to Tusita heaven."

**Formless Realm:** The highest planes where beings exist without a physical form, in states of pure consciousness. "I have a question! So do all the buddhas reside in the formless realm?"

**Theosophy: 7 Planes of Being**

Theosophy, a spiritual philosophy, describes seven planes of existence, each with different densities and characteristics.

**Physical Plane:** The most dense and tangible level of existence. "The most tangible and dense level of existence, encompassing matter, energy, and space-time."

**Etheric Plane:** A subtle energy field that supports the physical body. "A subtle energy field that supports and sustains the physical body."

**Astral Plane:** A realm of emotions and desires. "The astral plane, like all the other planes, has its own scenery, its own inhabitants, and its own laws."

**Scientific and Philosophical Perspectives**

Many Redditors discuss the concept of different planes of existence from a more scientific or philosophical viewpoint, often skepticism.

**Complexity and Consciousness:** Some believe that consciousness arises from the complexity of the brain. "Fairly simple creatures have sensory systems and motor systems. You can make more sophisticated versions of these that become control systems with instincts and memory. Keep adding layers you get consciousness."

**Hard Problem of Consciousness:** Others argue that complexity alone cannot explain the emergence of conscious experience. "Congratulations you have discovered the

hard problem."

Higher Dimensions: Some speculative theories suggest that consciousness might be linked to higher dimensions. "Scientists, as scientists, can establish no such link."

#### Personal Experiences and Insights

Some Redditors share personal experiences and insights related to different planes of existence, often in a more metaphorical or spiritual sense.

Gifted Individuals: A few gifted individuals describe feeling like they are on a different plane of existence due to their unique way of thinking. "It feels like I walk on a different plane of existence, I'm so wrapped up in my own head and I have no idea how other people think."

Spiritual Awakening: Others discuss the concept of different planes in the context of spiritual awakening and increased awareness. "welcome to spirituality. Now the deep thinking really begins :)"

#### Subreddits for Further Exploration

r/consciousness

r/Buddhism

r/Theosophy

r/DeepThoughts

These subreddits can provide more in-depth discussions and additional perspectives on different planes of existence and their relation to consciousness.

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r/Buddhism

Buddhist Cosmology: 31 Planes of Existence

329

.

149

r/Buddhism - Buddhist Cosmology: 31 Planes of Existence

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31 Planes of Existence

327

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118

r/Buddhism - 31 Planes of Existence

3

r/consciousness

A map of consciousness and reality

4

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134

4

r/Theosophy

The 7 Planes, Principles, and Levels of consciousness

10

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r/consciousness

Why On Earth Would Complexity Yield Consciousness?

89

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411

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Scientist links human consciousness to a higher dimension beyond our perception

273

.

263

[r/consciousness](#) - Scientist links human consciousness to a higher dimension beyond our perception

7

[r/Gifted](#)

On a different plane of existence.

13

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104

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[r/DeepThoughts](#)

Consciousness is the only reason the Universe exists

50

.

197

9

[r/worldbuilding](#)

What planes of existence are there in your universes?

22

.

23

10

[r/coolguides](#)

The 31 Planes of Existence according to Buddhism

47

.

6

[r/coolguides](#) - The 31 Planes of Existence according to Buddhism

11

[r/worldbuilding](#)

What would you say a spiritual plane and a mental plane would be composed of?

3

.

4

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•

6y ago  
matthewgola

Buddhist Cosmology: 31 Planes of Existence  
r/Buddhism - a poster with a list of names  
329

.

149  
Comments Section  
u/l0lprincess avatar  
l0lprincess

•

6y ago  
What's the reasoning for animals being on the second plane? They aren't aware of their mortality and mostly act on instinct which sounds automatically better than our plane.

Either way, cool post!

16  
u/UsYntax avatar  
UsYntax

•

6y ago  
Generally, the six realms of samsara come about through a certain "mix" of the three root afflictions being present. Depending on which affliction is foremost you will be reborn accordingly.

In the human realm, there is an equal mixture of all three afflictions, those being ignorance, aversion and desire.

In the case of the animal realm the affliction of ignorance is supreme, which manifests as a basic dullness through which one is unable to discern reality as it is properly. This basic inability is what bars an animal from understanding what is happening to them, where it came from and where it is going, and so they are unable to discern virtuous action from non-virtuous action and are thus carried about in samsara like a paper bag in the wind, going wherever their karma takes them, without even knowing it is happening.

Surely, when you suffer and you don't know why, this is worse than suffering and knowing its cause. When you know the cause, you can get rid of it. As an animal, you can not know the cause or the path leading to the cessation of the cause because you are too dull, and thus are classified below the human realm.

33

[deleted]

•

6y ago

8 more replies  
u/cavemanmode avatar  
cavemanmode

•

6y ago  
Who else here grinding for those 84000 mahākappa tokens to hit max level?

35

starcom\_magnate

•

6y ago

Grinding would be so much easier if I could put meditation on "Auto-Play."

12

Muhasha

•

6y ago

wtf is going on here?

47

boofthatcraphomie

•

6y ago

Idk but how the hell do I get to level two let alone level 31?

32

[deleted]

•

6y ago

Actually, the life you have is ideal for practicing. The goal would be to get here if you are interested in ending your suffering.

25

29 more replies

1 more reply

u/bodhiquest avatar

bodhiquest

•

6y ago

It is taught in Buddhism that the cosmos is divided into three "Realms" (desire, form and formless), onto which are mapped six "Destinies" (in this picture, from top to bottom: Deva, human, Asura, animal, ghost, Hell dweller), which are further decomposed into 31 "Planes". The more you go up, the more pleasant and subtler existence becomes (the topmost four planes correspond to the formless realm and are "inhabited" by beings that are purely mind, absorbed in a specific perception as indicated); the more you go down, the coarser it becomes, culminating in the intense and omnipresent suffering of the hell realms. In accordance with the threefold division, the hell, ghost, animal, Asura, human and a small part of Deva planes are in the desire realm, characterized by fondness for sense pleasures. Beings of the form realm (most Devas) have less bondage to physicality and do not have much sense desire. Formless beings are as described above.

Unlike what many who are not familiar with Buddhism assume, the higher planes are better than the lower realms only in terms of the gross experience of suffering. Life in any plane is finite and no reliable security can ever be found anywhere that falls within existence or non-existence. The great cosmos is vast beyond any hope for comprehension, and even universes have lifespans; yet the wheel of rebirths spins without ever stopping on its own. The Buddhist ideal is to obtain freedom from this wheel by attaining full Awakening, but - seemingly paradoxically - this actually doesn't imply annihilation. For this purpose the human realm (which doesn't designate Homo sapiens only) is the best.

Bonus: a great primer on Buddhist cosmology

16

u/Shadowfury957 avatar  
Shadowfury957

•

6y ago

Will you share what you know of the difference between full Awakening and annihilation?

4

2 more replies

3 more replies

[deleted]

•

6y ago

Yes.

3

juice\_bomb

•

6y ago

But how do they know?

7

u/Isolation\_Man avatar  
Isolation\_Man

•

6y ago

It's just from the Pali Canon. For theravada practitioners, it's revealed by the Buddha himself and it's something you will directly know when going through all the jhanas, before nibbana.

14

matthewgola

OP

•

6y ago

Found this in r/theravada, thought it should be reposted here. Thanks u/Gabeeb

19

u/-AMARYANA- avatar  
-AMARYANA-

•

6y ago

GATE GATE PARAGATE PARASAMGATE BODHI SVAHA.

6

therealpotimusprime

•

6y ago

This like some dragon Ball z shit right here

6

[deleted]

•

6y ago

very beautiful.

7

[deleted]

•

6y ago

Isn't the time in the hell realm worth a shoutout? Like...trillions of human years?

3

matthewgola

OP

•

6y ago

Just some Christian parallels... one lifetime there would be about the lifespan of a universe. With a conception of a singular universe created by God, you can see why they might think it is eternal.

That said, a singular moment of compassion in the hell realms is prob enough to cut the lifetime there. It's not like you have to stay that long. In another vein, it's not like anyone is really staying anyways haha

8

2 more replies

2 more replies

AggressivePickle

•

6y ago

One of the reasons I'm interested in Buddhism is because it doesn't usually have that hierarchical structure in practice or beliefs

3

[deleted]

•

6y ago

This is spectacular. Thank you.

But everyone, remember, point is to get OUT of the game :) That's the only way to win.

3

u/JWIV06 avatar

JWIV06

•

6y ago

interesting

5

FootofGod

•

6y ago

Monks had a lot of time on their hands

12

zimmtzum

•

6y ago

I thought Asuras were considered to be higher up in the hierarchy, between Devas and Humans?

2

15 more replies

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Is the Universe an individual?

r/Buddhism icon



r/Buddhism

•

1mo ago

Is the Universe an individual?

r/Buddhism - Is the Universe an individual?

1.3K upvotes · 135 comments

Is it wrong to care about creating a better future world, according to Buddhist thought?

r/Buddhism icon

r/Buddhism

•

20d ago

Is it wrong to care about creating a better future world, according to Buddhist thought?

32 upvotes · 53 comments

"If you took all of the knowledge that this world has ever produced, and compared it to the knowledge of an omniscient mind of a buddha, it would be like comparing a single drop of water to the entire ocean."

r/Buddhism icon

r/Buddhism

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3mo ago

"If you took all of the knowledge that this world has ever produced, and compared it to the knowledge of an omniscient mind of a buddha, it would be like comparing a single drop of water to the entire ocean."

r/Buddhism - "If you took all of the knowledge that this world has ever produced, and compared it to the knowledge of an omniscient mind of a buddha, it would be like comparing a single drop of water to the entire ocean."

123 upvotes · 31 comments

Buddhism's Future in the WEST?

r/Buddhism icon

r/Buddhism

•

25d ago

Buddhism's Future in the WEST?

5 upvotes · 25 comments

Persecution of Buddhism and Buddhist Communities and the Dangerous real world consequences of saying "Buddhism is just a Philosophy"

r/Buddhism icon

r/Buddhism

•

8d ago

Persecution of Buddhism and Buddhist Communities and the Dangerous real world consequences of saying "Buddhism is just a Philosophy"

139 upvotes · 111 comments

How do modern Buddhists understand Buddhist cosmology?

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8mo ago

How do modern Buddhists understand Buddhist cosmology?

29 upvotes · 103 comments

Question to buddhists-Why do we keep living when there is endless suffering in life ?

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•

14d ago

Question to buddhists-Why do we keep living when there is endless suffering in life ?

20 upvotes · 55 comments

What is the Buddhist Take on Physics' Assertion that the Universe is not Locally Real?

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r/Buddhism

•

1y ago

What is the Buddhist Take on Physics' Assertion that the Universe is not Locally Real?

r/Buddhism - What is the Buddhist Take on Physics' Assertion that the Universe is not Locally Real?

scientificamerican

52 upvotes · 75 comments

I live in a non-buddhist country and I have been slowly learning about Buddhism. Though i'm not ready to become Buddhist I am definetly into becoming one. Could you answer some questions?

r/Buddhism icon

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•

3mo ago

I live in a non-buddhist country and I have been slowly learning about Buddhism. Though i'm not ready to become Buddhist I am definetly into becoming one. Could you answer some questions?

33 upvotes · 46 comments

Hello, i'm not a buddhist but i stumbled upon this comment and i wanted to know if the claims here are accurate.

r/Buddhism icon

r/Buddhism

•

5mo ago

Hello, i'm not a buddhist but i stumbled upon this comment and i wanted to know if the claims here are accurate.

r/Buddhism - Hello, i'm not a buddhist but i stumbled upon this comment and i wanted to know if the claims here are accurate.

85 upvotes · 141 comments

How can we, as Buddhists, stand against injustice and suffering in the modern world without falling into anger or attachment?

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r/Buddhism

•

2mo ago

How can we, as Buddhists, stand against injustice and suffering in the modern world without falling into anger or attachment?

47 upvotes · 49 comments

Buddhism around the world today

r/Buddhism icon

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9mo ago

Buddhism around the world today

r/Buddhism - Buddhism around the world today

620 upvotes · 62 comments

Looking for book recommendations Buddhist cosmology

r/Buddhism icon

r/Buddhism

•

1y ago

Looking for book recommendations Buddhist cosmology

5 upvotes · 9 comments

Do Buddhists believe in heaven?

r/Buddhism icon

r/Buddhism

•

10y ago

Do Buddhists believe in heaven?

8 upvotes · 45 comments

Buddha, "Knower of the worlds", had incredible insight into nature of cosmos. We can admire his knowledge more and more as science develops.

r/Buddhism icon  
r/Buddhism

•

3y ago

Buddha, "Knower of the worlds", had incredible insight into nature of cosmos. We can admire his knowledge more and more as science develops.

77 upvotes · 84 comments

31 Planes of Existence

r/Buddhism icon

r/Buddhism

•

4y ago

31 Planes of Existence

r/Buddhism - 31 Planes of Existence

327 upvotes · 118 comments

Does Buddhist Cosmology actually matter?

r/Buddhism icon

r/Buddhism

•

11y ago

Does Buddhist Cosmology actually matter?

8 upvotes · 12 comments

What are the most interesting things of Buddhist cosmology?

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r/Buddhism

•

3y ago

What are the most interesting things of Buddhist cosmology?

49 upvotes · 41 comments

How is the 31 realms of existence theory in Theravada Buddhism compatible with evolution?

r/Buddhism icon

r/Buddhism

•

9y ago

How is the 31 realms of existence theory in Theravada Buddhism compatible with evolution?

6 upvotes · 12 comments

Buddhist ontology and cosmology

r/Buddhism icon

r/Buddhism

•

3mo ago

Buddhist ontology and cosmology

10 upvotes · 22 comments

Understanding the concepts of Buddhist Cosmology

r/Buddhism icon

r/Buddhism

•

2y ago

Understanding the concepts of Buddhist Cosmology

2 upvotes · 5 comments

What does buddism say about how the world started?

r/Buddhism icon

r/Buddhism

•

3y ago

What does buddism say about how the world started?

36 upvotes · 44 comments

What are the different realms in Buddhism, and how is karma calculated?

r/Buddhism icon

r/Buddhism

•

2y ago

What are the different realms in Buddhism, and how is karma calculated?

13 upvotes · 26 comments

Consciousness as epiphenomenon

r/Buddhism icon

r/Buddhism

•

5y ago

Consciousness as epiphenomenon

1 upvote · 9 comments

Do Buddhists actually believe that the Universe came into existence from nothing?

r/Buddhism icon

r/Buddhism

•

2y ago

Do Buddhists actually believe that the Universe came into existence from nothing?

33 upvotes · 104 comments

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4y ago

Flimsy-Union1524

31 Planes of Existence

r/Buddhism - 31 Planes of Existence

327

•

118

Comments Section

u/Flimsy-Union1524 avatar

Flimsy-Union1524

OP

•

4y ago  
Buddhist cosmology

[https://en.wikipedia.org/wiki/Buddhist\\_cosmology](https://en.wikipedia.org/wiki/Buddhist_cosmology)

The Thirty-one Planes of Existence

<https://www.accesstoinsight.org/ptf/dhamma/sagga/loka.html>

28  
[deleted]

•  
4y ago  
Buddhist cosmology is fascinating to me. I have a question. Where are these planes?

Are the planes literal places or are they more like mind-states?

19  
u/eliminate1337 avatar  
eliminate1337

•  
4y ago  
They are not 'literal places' in the sense that you cannot board a spaceship and travel to Tusita heaven. But after death your next experience of one of the realms will be just as real as your current experience in the human realm. They are not merely metaphorical states experienced as a human.

34  
u/parttimeschizo avatar  
parttimeschizo

•  
4y ago  
That is also how I understand it. Like a tuning fork your consciousness will match the frequency of whatever it has been tuned to during its life and last moments before death.

14  
Throwwwwmeaway

•  
4y ago  
So I guess it's really important to die while meditating if you want to reach Nirvana after death.

Like those monks that at a certain point decide it's time to die and stop their heartbeat with their mind while meditating.

5  
Continue this thread

34 more replies

1 more reply  
sedthh

•  
4y ago  
Can someone please explain to me how these realms are formed? I have heard that these planes are created once there is a consciousness to inhabit them, yet when a plane gets destroyed after multiple eons, these beings need to move to another plane. How does this work? It feels contradictory. Thank you.

2

u/Flimsy-Union1524 avatar

Flimsy-Union1524

OP

•

4y ago

"There comes a time, bhikkhus, when after the lapse of a long period this world contracts (disintegrates). While the world is contracting, beings for the most part are reborn in the Ābhassara Brahma-world. There they dwell, mind-made, feeding on rapture, self-luminous, moving through the air, abiding in glory. And they continue thus for a long, long period of time.

"But sooner or later, bhikkhus, after the lapse of a long period, there comes a time when this world begins to expand once again. While the world is expanding, an empty palace of Brahmā appears. Then a certain being, due to the exhaustion of his life-span or the exhaustion of his merit, passes away from the Ābhassara plane and re-arises in the empty palace of Brahmā. There he dwells, mind made, feeding on rapture, self-luminous, moving through the air, abiding in glory. And he continues thus for a long, long period of time.

"Then, as a result of dwelling there all alone for so long a time, there arises in him dissatisfaction and agitation, (and he yearns): 'Oh, that other beings might come to this place!' Just at that moment, due to the exhaustion of their life-span or the exhaustion of their merit, certain other beings pass away from the Ābhassara plane and re-arise in the palace of Brahmā, in companionship with him. There they dwell, mind-made, feeding on rapture, self-luminous, moving through the air, abiding in glory. And they continue thus for a long, long period of time.

<https://suttacentral.net/dn1/en/bodhi>

6

sedthh

•

4y ago

Thank you! And kudos for linking suttacentral!

4

ManletMasterRace

•

4y ago

How did he come into this knowledge? Amazing.

2

1 more reply

[deleted]

•

4y ago

[deleted]

•

4y ago

Actual-Web-4069

•

4y ago

I have a question! So do all the buddhas reside in the formless realm? or are beings in the formless realm part of samsara? In the formless realm, they do not have a physical form so they cannot practice or listen to the Dhamma.

5

u/Flimsy-Union1524 avatar

Flimsy-Union1524

OP

•

4y ago

I think the Buddhas Transcend all existence...

the formless realm is still part of samsara...

I think it's harder to practice the Dhamma because it's way beyond happiness and suffering...

the human realm is more important to practice the Dhamma because it has happiness and suffering...

i think... correct me if i'm wrong

8

u/Flimsy-Union1524 avatar

Flimsy-Union1524

OP

•

4y ago

Having directly known water ... fire ... air ... creatures ... gods ... the Creator ... Brahmā ... the gods of streaming radiance ... the gods replete with glory ... the gods of abundant fruit ... the Overlord ... Having directly known all as all, and having directly known that which does not fall within the scope of experience based on all, I did not identify with all, I did not identify regarding all, I did not identify as all, I did not identify 'all is mine', I did not enjoy all. So Brahmā, I am not your equal in knowledge, still less your inferior. Rather, I know more than you.'

'Well, good sir, if you have directly known that which is not within the scope of experience based on all, may your words not turn out to be void and hollow!

Consciousness that is invisible, infinite, entirely given up—that's what is not within the scope of experience based on earth, water, fire, air, creatures, gods, the Creator, Brahmā, the gods of streaming radiance, the gods replete with glory, the gods of abundant fruit, the Overlord, and the all.

[https://suttacentral.net/mn49/en/sujato?](https://suttacentral.net/mn49/en/sujato?layout=plain&reference=none&notes=asterisk&highlight=false&script=latin)

[layout=plain&reference=none&notes=asterisk&highlight=false&script=latin](https://suttacentral.net/mn49/en/sujato?layout=plain&reference=none&notes=asterisk&highlight=false&script=latin)

3

[deleted]

•

4y ago

Independent-Dealer21

•

4y ago

Excellent ty!

5

kingwooj

•

4y ago

Western Buddhists: Really it's more of a philosophy than a religion

Sakyamuni: Hold my alms bowl

75

ExtroHermit

•

4y ago

Hahahaahhaahahahahah

7

42 more replies

BrookeFreske

•

4y ago

What does it mean when it says "Human rebirth is brief and very rare?"

Are more incarnations usually spent in either higher or lower planes? Is it more common to "skip" human incarnations? Complete Buddhist Cosmology newbie here

2

u/Flimsy-Union1524 avatar

Flimsy-Union1524

OP

•

4y ago

Good question..

I think suttas like this can explain...

Saṃyutta Nikāya

Connected Discourses on the Truths

56.47. Yoke with a Hole (1)

<https://suttacentral.net/sn56.47/en/bodhi>

4

3 more replies

Sufficient-Aspect77

•

4y ago

I'd love to know how low I am on this list. Some days I feel at bottom other days closer to the top. Any advice?

2

1 more reply

gyorgyspaghetti

•

4y ago

What's the difference between Radiance and Glory?

2

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"If you took all of the knowledge that this world has ever produced, and compared it to the knowledge of an omniscient mind of a buddha, it would be like comparing a single drop of water to the entire ocean."

r/Buddhism icon

r/Buddhism

•

3mo ago

"If you took all of the knowledge that this world has ever produced, and



compared it to the knowledge of an omniscient mind of a buddha, it would be like comparing a single drop of water to the entire ocean."

r/Buddhism - "If you took all of the knowledge that this world has ever produced, and compared it to the knowledge of an omniscient mind of a buddha, it would be like comparing a single drop of water to the entire ocean."

123 upvotes · 31 comments

What would a highly anxious person be like after 10,000-15,000 hours of meditation (vipassana, zazen etc.)?

r/Buddhism icon

r/Buddhism

•

19d ago

What would a highly anxious person be like after 10,000-15,000 hours of meditation (vipassana, zazen etc.)?

5 upvotes · 45 comments

Can somebody please explain the planes of existence? Is there a flow chart explaining how they all link together?

r/Buddhism icon

r/Buddhism

•

11y ago

Can somebody please explain the planes of existence? Is there a flow chart explaining how they all link together?

10 upvotes · 9 comments

Buddhist Cosmology: 31 Planes of Existence

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r/Buddhism

•

6y ago

Buddhist Cosmology: 31 Planes of Existence

r/Buddhism - Buddhist Cosmology: 31 Planes of Existence

329 upvotes · 149 comments

How is the 31 realms of existence theory in Theravada Buddhism compatible with evolution?

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r/Buddhism

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9y ago

How is the 31 realms of existence theory in Theravada Buddhism compatible with evolution?

6 upvotes · 12 comments

Buddhist Cosmos: The Thirty-one Realms of Existence

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r/Buddhism

•

2y ago

Buddhist Cosmos: The Thirty-one Realms of Existence

r/Buddhism - Buddhist Cosmos: The Thirty-one Realms of Existence

72 upvotes · 18 comments

Mahayana Cosmology

r/Buddhism icon

r/Buddhism

•

20d ago

Mahayana Cosmology

7 upvotes · 16 comments

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I drew our guide, Siddhartha Gautama, The Buddha.

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I thought you might appreciate this piece of art. Be reminded about impermanence.

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A Style of Mettā Meditation

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Were You Conscious Of The Overkill?

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2

298 upvotes · 27 comments

What are the differences between the three Buddhas such as Gautama Buddha, Maitreya A.K.A. the Laughing Buddha and Padmambhava A.K.A Guru Rinpoche?

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3

199 upvotes · 12 comments

What's going on in the bottom right?

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What's going on in the bottom right?

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183 upvotes · 30 comments

Visited the Buddhist remains at Takht-i-Bahi again – one of my favorite places in Pakistan

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Visited the Buddhist remains at Takht-i-Bahi again – one of my favorite places in Pakistan

178 upvotes · 2 comments

Meet the Buddhist Nun who teach Dharma through cooking - Venerable Jeong Kwan of Baegyangsa Temple

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Meet the Buddhist Nun who teach Dharma through cooking - Venerable Jeong Kwan of Baegyangsa Temple

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9

162 upvotes · 8 comments

Hey , agnostic here. What do you think about my art ? I'd secretly like to bring him to life and him teaching me meditation.

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Hey , agnostic here. What do you think about my art ? I'd secretly like to bring him to life and him teaching me meditation.

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161 upvotes · 38 comments

The Ten Vows of Queen Śrīmālā:

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The Ten Vows of Queen Śrīmālā:

r/Buddhism - The Ten Vows of Queen Śrīmālā:

143 upvotes · 4 comments

Who is this? Avalokiteshvara on a peacock?

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5d ago

Who is this? Avalokiteshvara on a peacock?

r/Buddhism - Who is this? Avalokiteshvara on a peacock?

110 upvotes · 25 comments

If there is no self, then who/what is getting attached?

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2d ago

If there is no self, then who/what is getting attached?

91 upvotes · 91 comments

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20

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This article uses texts from within a religion or faith system without referring to secondary sources that critically analyse them. (December 2013)  
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Buddhist mandala with Mount Meru shown in the center depicting the terrestrial universe divided into four quadrants each containing oceans and continents with the known world of humans, Jambudvīpa, located in the south alongside three other continents named Pūrvavideha, Aparagodānīya and Uttarakuru.

The thirty-one planes of existence and the Jhānic-relation according to Theravāda Buddhism  
Part of a series on  
Buddhism

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Buddhist cosmology is the description of the shape and evolution of the Universe according to Buddhist scriptures and commentaries.

It consists of a temporal and a spatial cosmology. The temporal cosmology describes the timespan of the creation and dissolution of alternate universes in different aeons. The spatial cosmology consists of a vertical cosmology, the various planes of beings, into which beings are reborn due to their merits and development;<sup>[1]</sup> and a horizontal cosmology, the distribution of these world-systems into an infinite sheet of existential dimensions included in the cycle of samsara. The entire universe is said to be made up of five basic elements of Earth, Water, Fire, Air and Space. Buddhist cosmology is also intertwined with the belief of Karma.<sup>[2]</sup> As a result, some ages are filled with prosperity and peace due to common goodness, whereas other eras are filled with suffering, dishonesty and short lifespans.<sup>[2]</sup>

Meaning and origin

Wat Arun in Bangkok has five pagodas, which were built to simulate Buddhist cosmology.

Course of rebirth and liberation

The Buddhist cosmology is not a literal description of the shape of the universe;<sup>[2]</sup> rather, it is the universe as seen through the *divyacakṣus* (Pali: *dibbacakkhu* दिव्बचक्खु), the "divine eye" by which a Buddha or an arhat can perceive all beings arising (being born) and passing away (dying) within various worlds; and can tell from what state they have been reborn, and into which state they will be reborn.<sup>[citation needed]</sup>

Beings can be reborn as devas (gods and Brahmas), humans, animals, asuras (demons), pretas ("hungry ghosts"), and as inhabitants of the hell realms.<sup>[3]</sup>

The process by which sentient beings migrate from one state of existence to another is dependent on causes and conditions. The three causes are giving or charity, moral conduct, meditative development, and their opposites. Rebirth in the Kāma-loka (desire realm) depends on a person's moral conduct and practice of giving. Rebirth in the Rūpa-loka (form realm) and Arūpa-loka (formless realm)

also requires meditation development. Liberation from all rebirth requires eons upon eons of perfecting charity, moral conduct, and meditative development, in order to achieve Buddhahood.[citation needed]

### Origins

The Buddhist cosmology as presented in commentaries and works of Abhidharma in both Theravāda and Mahāyāna traditions, is the end-product of an analysis and reconciliation of cosmological comments found in the Buddhist sūtra and vinaya traditions. No single sūtra sets out the entire structure of the universe, but in several sūtras the Buddha describes other worlds and states of being, and other sūtras describe the origin and destruction of the universe. The order of the planes are found in various discourses of Gautama Buddha in the Sutta Pitaka. In the Saleyyaka Sutta of the Majjhima Nikaya the Buddha mentioned the planes above the human plane in ascending order. In several suttas in the Anguttara Nikaya, the Buddha described the causes of rebirth in these planes in the same order.[citation needed]

The synthesis of this data into a single comprehensive system must have taken place early in the history of Buddhism, as the system described in the Pāli Vibhajjavāda tradition (represented by today's Theravādins) agrees, despite some minor inconsistencies of nomenclature, with the Sarvāstivāda tradition which is preserved by Mahāyāna Buddhists.[2]

### Traditional Abhidharma cosmology

Traditional Buddhist schools in India all followed complex cosmological systems which were laid out in the Abhidharma texts of the various Buddhist schools.  
[citation needed]

### Spatial cosmology

The plan of the Borobudur temple complex in Java mirrors the three main levels of Buddhist cosmology. The highest point in the center symbolizes Buddhahood.

### Aerial view of Borobudur

The spatial cosmology displays the various worlds in which beings can be reborn. Spatial cosmology can also be divided into two branches. The vertical (or cakravāḍa; Devanagari: चक्रवाड) cosmology describes the arrangement of worlds in a vertical pattern, some being higher and some lower. By contrast, the horizontal (sahasra) cosmology describes the grouping of these vertical worlds into sets of thousands, millions or billions.[citation needed]

### Vertical cosmology – Three Realms

The three realms

See also: Trailokya and Dhyāna in Buddhism

The vertical cosmology is divided into three realms, or dhātus: the formless realm (Ārūpyadhātu), corresponding to the formless jhanas; the form realm (Rūpadhātu), corresponding to the rūpa jhānas; and the desire realm (Kamadhātu). The three realms contain together thirty-one planes of existence, each corresponding to a different type of mentality.[4] These three realms (tridhātu, trailokya) are the Formless Realm (Ārūpyadhātu), which consists of four planes; the Form Realm (Rūpadhātu), which consists of sixteen planes; and the Pleasure Realm (Kāmadhātu), which consists of fifteen planes.[citation needed]

A world is not so much a location as it is the beings which compose it; it is sustained by their karma, and if the beings in a world all die or disappear, the world disappears too. Likewise, a world comes into existence when the first being is born into it. The physical separation is not so important as the difference in mental state; humans and animals, though they partially share the same physical environments, still belong to different worlds because their minds perceive and react to those environments differently.[citation needed]

### Devas and Brahma

In some instances, all of the beings born in the Ārūpyadhātu and the Rūpadhātu are informally classified as "Gods" or "Deities" (devāḥ), along with the Gods of

the Kāmadhātu, notwithstanding the fact that the Deities of the Kāmadhātu differ more from those of the Ārūpyadhātu than they do from humans. It is to be understood that deva is an imprecise term referring to any being living in a longer-lived and generally more blissful state than humans. Most of them are not "gods" in the common sense of the term, having little or no concern with the human world and rarely if ever interacting with it; only the lowest deities of the Kāmadhātu correspond to the gods described in many polytheistic and monotheistic religions.[citation needed]

The term Brahmā is used both as a name and as a generic term for one of the higher devas. In its broadest sense, it can refer to any of the inhabitants of the Ārūpyadhātu and the Rūpadhātu. In more restricted senses, it can refer to an inhabitant of one of the eleven lower worlds of the Rūpadhātu, or in its narrowest sense, to the three lowest worlds of the Rūpadhātu (Plane of Brahma's retinue). A large number of devas use the name "Brahmā", e.g. Brahmā Sahampati (ब्रह्मा सहम्पति), Brahmā Sanatkumāra (ब्रह्मा सनत्कुमारः), Baka Brahmā (बकब्रह्मा), etc. It is not always clear which world they belong to, although it must always be one of the worlds of the Rūpadhātu. According to the Ayacana Sutta, Brahmā Sahampati, who advises the Buddha to teach Dhamma to the world, resides in the Śuddhāvāsa worlds.[citation needed]

Formless Realm (Ārūpyadhātu)

The Formless Realm (Ārūpyadhātu (Sanskrit) or Arūpaloka (Pāli)[note 1]) belongs to those Devas who attained and remained in the Four Formless Absorptions (catuḥ-samāpatti चतुःसमापत्ति) of the arūpadhyānas in a previous life, and now enjoy the fruits (vipāka) of the good karma of that accomplishment. Bodhisattvas, however, are never born in the Ārūpyadhātu even when they have attained the arūpadhyānas.[citation needed]

The Formless Realm would have no place in a purely physical cosmology, as none of the beings inhabiting it has either shape or location; and correspondingly, the realm has no location either. The inhabitants of these realms are possessed entirely of mind. Having no physical form or location, they are unable to hear Dhamma teachings.[citation needed]

There are four types of Formless Deva planes corresponding to the four types of arūpadhyānas:

"Sphere of neither perception nor non-perception" (Naivasamjñānāśaṃjñāyatana नैवसंज्ञानासंज्ञायतन or Nevasaññānāśaññāyatana नेवसञ्ज्ञानासञ्ज्ञायतन[note 2]). Rebirth on this plane is a result of attaining the fourth formless jhana in a previous life. In this sphere the Formless Devas have gone beyond a mere negation of perception and have attained a liminal state where they do not engage in "perception" (saṃjñā, recognition of particulars by their marks) but are not wholly unconscious. This was the sphere reached by Udraka Rāmaputra (Pāli: Uddaka Rāmaputta), the second of the Buddha's original teachers, who considered it equivalent to enlightenment. Total life span in this realm in human years - 84,000 Maha Kalpa. This realm is placed 5,580,000 yojanas above the Plane of Nothingness (Ākiṃcanyāyatana).[citation needed]

"Sphere of Nothingness" (literally "lacking anything") (Ākiṃcanyāyatana आकिञ्चन्यायतन or Ākiñcaññāyatana आकिञ्चञ्जायतन[note 3]). Rebirth on this plane is a result of attaining the third formless jhana in a previous life. In this sphere Formless Devas dwell contemplating upon the thought that "there is no thing". This is considered a form of perception, though a very subtle one. This was the sphere reached by Ārāḍa Kālāma (Pali: Ālāra Kālāma), the first of the Buddha's original teachers; he considered it to be equivalent to enlightenment. Total life span in this realm in human years - 60,000 Maha Kalpa. This realm is placed 5,580,000 yojanas above the Plane of Infinite Consciousness (Vijñānānantyāyatana).[citation needed]

"Sphere of Infinite Consciousness" (Vijñānānantyāyatana विज्ञानानन्त्यायतन or Viññāṇānañcāyatana विञ्ज्ञाणानञ्चायतन or more commonly the contracted form Viññāṇaṇcāyatana[note 4]). Rebirth on this plane is a result of attaining the second formless jhana. In this sphere Formless Devas dwell meditating on their consciousness (vijñāna) as infinitely pervasive. Total life span in this realm

in human years – 40,000 Maha Kalpa. This realm is placed 5,580,000 yojanas above the Plane of Infinite Space (Ākāśānantyāyatana). [citation needed]

"Sphere of Infinite Space" (Ākāśānantyāyatana आकाशानन्त्यायतन or Ākāśānañcāyatana आकासानञ्चायतन [note 5]). Rebirth on this plane is a result of attaining the first formless jhana. In this sphere Formless Devas dwell meditating upon space or extension (ākāśa) as infinitely pervasive. Total life span in this realm in human years – 20,000 Maha Kalpa. This realm is placed 5,580,000 yojanas above the Akanittha Brahma Loka – Highest plane of pure abodes. [citation needed]

Form Realm (Rūpadhātu)

The Rūpadhātu (Sanskrit: रूपधातु; Pali: रूपलोक, romanized: rūpaloka; Tibetan: རུཔ་ལོ་ཀ་, Wylie: gzugs kyi khams; Vietnamese: Giới Sắc; Chinese: 色界; Japanese: 色界, romanized: shiki-kai; Korean: 색계, romanized: saekgye; Burmese: ရူပဂြဟတ္ထဘုံ; Thai: รูปโลก / รูปธาตุ) or "Form realm" is, as the name implies, the first of the physical realms; its inhabitants all have a location and bodies of a sort, though those bodies are composed of a subtle substance which is of itself invisible to the inhabitants of the Kāmadhātu. According to the Janavasabha Sutta, when a brahma (a being from the Brahma-world of the Rūpadhātu) wishes to visit a deva of the Trāyastriṃśa heaven (in the Kāmadhātu), he has to assume a "grosser form" in order to be visible to them. There are 16–22 Rūpadhātu in Buddhist texts, the most commonly given number being 18. [5]

The beings of the Form realm are not subject to the extremes of pleasure and pain, or governed by desires for things pleasing to the senses, as the beings of the Kāmadhātu are. The bodies of Form realm beings do not have sexual distinctions. [citation needed]

Like the beings of the Ārūpyadhātu, the dwellers in the Rūpadhātu have minds corresponding to the dhyānas (Pāli: jhānas). In their case, it is the four lower dhyānas or rūpadhyānas (रूपध्यान). However, although the beings of the Rūpadhātu can be divided into four broad grades corresponding to these four dhyānas, each of them is subdivided into further grades, three for each of the four dhyānas and five for the Śuddhāvāsa devas, for a total of seventeen grades (the Theravāda tradition counts one less grade in the highest dhyāna for a total of sixteen). [citation needed]

Physically, the Rūpadhātu consists of a series of planes stacked on top of each other, each one in a series of steps half the size of the previous one as one descends. In part, this reflects the fact that the devas are also thought of as physically larger on the higher planes. The highest planes are also broader in extent than the ones lower down, as discussed in the section on Sahasra cosmology. The height of these planes is expressed in yojanas, a measurement of very uncertain length, but sometimes taken to be about 4,000 times the height of a man, and so approximately 4.54 miles (7.31 km). [citation needed]

Pure Abodes (non-returners)

Main article: Pure Abodes

The Śuddhāvāsa (Sanskrit: शुद्धवास; Pali: सुद्धावास, romanized: suddhāvāsa; Tibetan: གནས་གཙང་མ་, Wylie: gnas gtsang ma; Vietnamese: Tịnh Cư Thiên; Chinese: 净居天/淨居天; Japanese: 五淨天, romanized: gojōgoten; Korean: 정거천, romanized: jeonggeocheon; Thai: สุทธาวาส) worlds, or "Pure Abodes", are distinct from the other worlds of the Rūpadhātu in that they do not house beings who have been born there through ordinary merit or meditative attainments, but only those Anāgāmins ("Non-returners"), the third level on the path of enlightenment, who are already on the path to Arhat-hood and who will attain enlightenment directly from the Śuddhāvāsa worlds without being reborn in a lower plane. These Pure Abodes are accessible only to those who have destroyed the lower five fetters, consisting of self-view, sceptical doubt, clinging to rites and ceremonies, sense desires, and ill-will. They will destroy their remaining fetters of craving for fine material existence, craving for immaterial existence, conceit, restlessness and ignorance during their existence in the Pure Abodes. Those who take rebirth here are called "non-returners" because they do not return from that world, but attain final nibbana there without coming back. Every Śuddhāvāsa deva is therefore a protector of Buddhism. They guard and protect Buddhism on earth, and



will pass into enlightenment as Arhats when they pass away from the Śuddhāvāsa worlds. Brahma Sahampati, an inhabitant from these worlds, who appealed to the newly enlightened Buddha to teach, was an Anagami under the previous Buddha.[6] Because a Śuddhāvāsa deva will never be reborn outside the Śuddhāvāsa worlds, no Bodhisattva is ever born in these worlds, as a Bodhisattva must ultimately be reborn as a human being.[citation needed]

Since these devas rise from lower planes only due to the teaching of a Buddha, they can remain empty for very long periods if no Buddha arises. However, unlike the lower worlds, the Śuddhāvāsa worlds are never destroyed by natural catastrophe. The Śuddhāvāsa devas predict the coming of a Buddha and, taking the guise of Brahmins, reveal to human beings the signs by which a Buddha can be recognized. They also ensure that a Bodhisattva in his last life will see the four signs that will lead to his renunciation.[citation needed]

The five Śuddhāvāsa worlds are:

Akaṇiṣṭha (Sanskrit: अकनिष्ठ; Pali: अकनिष्ठ, romanized: akanitṭha; Vietnamese: Trời Sắc Cứu Cánh; Chinese: 色究竟天; Thai: อกนิษฐา, อกนิษฐา) – World of devas "equal in rank" (literally: having no one as the youngest). The highest of all the Rūpadhātu worlds, it is often used to refer to the highest extreme of the universe. The current Śakra will eventually be born there. The duration of life in Akaṇiṣṭha is 16,000 kalpas (Vibhajyavāda tradition). The ruler of this realm is Maheśvara.[7] The height of this world is 167,772,160 yojanas above the Earth.[8]

Sudarśana (Sanskrit: सुदर्शन; Pali: सुदस्सी, romanized: sudassī; Vietnamese: Trời Thiện Kiến; Chinese: 善见天; Thai: สุทัสสี, สุทธาทน) – The "clear-seeing" devas live in a world similar to and friendly with the Akaṇiṣṭha world. The height of this world is 83,886,080 yojanas above the Earth.[citation needed]

Sudṛśa (Sanskrit: सुदृश; Pali: सुदस्स, romanized: sudassa; Vietnamese: Trời Thiện Hiện; Chinese: 善现天; Thai: สุทัสสา, สุทธรรตา) – The world of the "beautiful" devas are said to be the place of rebirth for five kinds of anāgāmins. The height of this world is 41,943,040 yojanas above the Earth.[citation needed]

Atapa (Sanskrit: अतप; Pali: अतप्प, romanized: atappa; Vietnamese: Trời Vô Nhiệt; Chinese: 无热天; Thai: อตป, อตปปา) – The world of the "untroubled" devas, whose company those of lower realms wish for. The height of this world is 20,971,520 yojanas above the Earth.[citation needed]

Avṛha (Sanskrit: अवृह; Pali: अविह, romanized: aviha; Vietnamese: Trời Vô Phiền; Chinese: 无烦天; Thai: อวิหา, อวรรหา) – The world of the "not falling" devas, perhaps the most common destination for reborn Anāgāmins. Many achieve arhatship directly in this world, but some pass away and are reborn in sequentially higher worlds of the Pure Abodes until they are at last reborn in the Akaṇiṣṭha world. These are called in Pāli uddhamṣotas, "those whose stream goes upward". The duration of life in Avṛha is 1,000 kalpas (Vibhajyavāda tradition). The height of this world is 10,485,760 yojanas above the Earth.[citation needed]

Br̥hatphala worlds (fourth dhyāna)

The mental state of the devas of the Br̥hatphala worlds Pali: बृहतफल; Vietnamese: Tứ Thiên; Chinese: 四禅九天/四禪九天; Japanese: 四禅九天; Korean: 사선구천; Thai: เวทฬุณผลา) corresponds to the fourth dhyāna, and is characterized by equanimity (upekṣā). The Br̥hatphala worlds form the upper limit to the destruction of the universe by wind at the end of a mahākālpa (see Temporal cosmology below), that is, they are spared such destruction.[citation needed]

Asaññasatta Sanskrit: असञ्जसत्त, romanized: Asamjñasattva; Vietnamese: Trời Vô Tưởng; Chinese: 无想天; Thai: อสังขณสัจจตา or อสังขณสत्ตา (Vibhajyavāda tradition only) – "Unconscious beings", who have only bodies without consciousness are the devas who have attained a high dhyāna (similar to that of the Formless Realm), and, wishing to avoid the perils of perception, have achieved a state of non-perception in which they endure for a time. Rebirth into this plane results from a meditative practice aimed at the suppression of consciousness. Those who take up this practice assume release from suffering can be achieved by attaining unconsciousness. However, when the life span in this realm ends, perception arises again, the beings pass away and are born in other planes where

consciousness returns.[citation needed]

Brhatphala बृहत्फल or Vehapphala वेहप्फल (Vietnamese: Trời Quảng Quả; Chinese: 广果天; Tibetan: འབྲས་བུ་ཆེ, Wylie: 'bras bu che; Thai: เหนือแปดผลา or พรหมผลา – Devas "having great fruit". Their lifespan is 500 mahākālpas. (Vibhajyavāda tradition). Some Anāgāmins are reborn here. The height of this world is 5,242,880 yojanas above the Earth. In the Jhāna Sutta of the Anguttara Nikaya the Buddha said "The Vehapphala devas, monks, have a life-span of 500 eons. A run-of-the-mill person having stayed there, having used up all the life-span of those devas, goes to hell, to the animal womb, to the state of the hungry shades."

Puṇyaprasava पुण्यप्रसव (Sarvāstivāda tradition only; Vietnamese: Trời Phước Sanh; Chinese: 福生天; Tibetan: བསོད་ནམས་སྤྱེས་, Wylie: bsod nams skyes; Thai: ปณฺเฎปรัลสา – The world of the devas who are the "offspring of merit". The height of this world is 2,621,440 yojanas above the Earth.[citation needed]

Anabhraka अनभ्रक (Sarvāstivāda tradition only; Vietnamese: Trời Vô Vân; Chinese: 无云天; Tibetan: སྤྲིན་མེད་, Wylie: sprin med; Thai: อนภรกา – The world of the "cloudless" devas. The height of this world is 1,310,720 yojanas above the Earth.[citation needed]

Śubhakarṣṇa worlds (third dhyāna)

The mental state of the devas of the Śubhakarṣṇa worlds (Vietnamese: Tam Thiên; Chinese: 三禅三天; Devanagari: शुभकृत्स्न; Thai: ศุภกฤตสนาภูมิ) corresponds to the third dhyāna, and is characterized by a quiet joy (sukha). These devas have bodies that radiate a steady light. The Śubhakarṣṇa worlds form the upper limit to the destruction of the universe by water at the end of a mahākālpā (see Temporal cosmology below), that is, the flood of water does not rise high enough to reach them.[citation needed]

Śubhakarṣṇa शुभकृत्स्न or Subhakiṇṇa / Subhakiṇha सुभकिण्ण/सुभकिण्ह (Vietnamese: Trời Biển Tịnh; Chinese: 遍净天; Tibetan: དགེ་རྒྱས་, Wylie: dge rgyas; Thai: สุภกิณหา or ศุภกฤตสนา) – The world of devas of "total beauty". Their lifespan is 64 mahākālpas (some sources: 4 mahākālpas) according to the Vibhajyavāda tradition. 64 mahākālpas is the interval between destructions of the universe by wind, including the Śubhakarṣṇa worlds. The height of this world is 655,360 yojanas above the Earth. The Buddha said, "A run-of-the-mill person having stayed there, having used up all the life-span of those devas, goes to hell, to the animal womb, to the state of the hungry shades."[citation needed]

Apramāṇaśubha अप्रमाणशुभ or Appamāṇasubha अप्पमाणसुभ (Vietnamese: Trời Vô Lượng Tịnh; Chinese: 无量净天; Tibetan: མཛད་མེད་དགེ་, Wylie: tshad med dge; Thai: อัปมาณเสภา or อัปมาณสุภา) – The world of devas of "limitless beauty". Their lifespan is 32 mahākālpas (Vibhajyavāda tradition). They possess "faith, virtue, learning, munificence and wisdom". The height of this world is 327,680 yojanas above the Earth.[citation needed]

Parittaśubha परित्तशुभ or Parittasubha परित्तसुभ (Vietnamese: Trời Thiểu Tịnh; Chinese: 少净天; Tibetan: དགེ་ཅུང་, Wylie: dge chung; Thai: ปริตตสุภา or ปริตตศุภา) – The world of devas of "limited beauty". Their lifespan is 16 mahākālpas. The height of this world is 163,840 yojanas above the Earth.[citation needed]

Ābhāsvara worlds (second dhyāna)

The mental state of the devas of the Ābhāsvara आभास्वर worlds (Vietnamese: Nhị Thiên; Chinese: 二禅三天; Thai: อาภัสสราภูมิ/อาภาสวาราวตฺ corresponds to the second dhyāna, and is characterized by delight (prīti) as well as joy (sukha); the Ābhāsvara devas are said to shout aloud in their joy, crying aho sukham! ("Oh joy!"). These devas have bodies that emit flashing rays of light like lightning. They are said to have similar bodies (to each other) but diverse perceptions. [citation needed]

The Ābhāsvara worlds form the upper limit to the destruction of the universe by fire at the end of a mahākālpā (see Temporal cosmology below), that is, the column of fire does not rise high enough to reach them. After the destruction of the world, at the beginning of the vivartakālpā, the worlds are first populated by beings reborn from the Ābhāsvara worlds.[citation needed]

Ābhāsvara आभास्वर or Ābhassara आभस्सर (Vietnamese: Trời Quang Âm; Chinese: 光音天; Tibetan: འོད་གསལ་, Wylie: 'od gsal; Thai: อาภัสสรา or อาภาสวรา) – The world of devas

"possessing splendor". The lifespan of the Ābhāsvara devas is 8 mahākālpas (others: 2 mahākālpas). Eight mahākālpas is the interval between destructions of the universe by water, which includes the Ābhāsvara worlds. The height of this world is 81,920 yojanas above the Earth.[citation needed]

Apramāṇābha अप्रमाणाभ or Appamāṇābha अप्पमाणाभ (Vietnamese: Trời Vô Lượng Quang; Chinese: 无量光天; Tibetan: རྒྱལ་ལོ་མཛེས་པོ་, Wylie: tshad med 'od; Thai: อัปป์มาณาภา or อัปป์มาณาภา) – The world of devas of "limitless light", a concept on which they meditate. Their lifespan is 4 mahākālpas. The height of this world is 40,960 yojanas above the Earth.[citation needed]

Parittābha परित्ताभ or Parittābha परिताभ (Vietnamese: Trời Thiểu Quang; Chinese: 少光天; Tibetan: རྒྱལ་ལོ་མཛེས་པོ་, Wylie: 'od chung; Thai: ปริตตมาภา or ปริตตมาภา) – The world of devas of "limited light". Their lifespan is 2 mahākālpas. The height of this world is 20,480 yojanas above the Earth.[citation needed]

Brahmā worlds (first dhyana)

Main article: Brahma (Buddhism)

The mental state of the devas of the Brahmā worlds (Vietnamese: Sơ Thiền; Chinese: 初禪三天; Thai: พรหมภูมิ) corresponds to the first dhyāna, and is characterized by observation (vitarka) and reflection (vicāra) as well as delight (prīti) and joy (sukha). The Brahmā worlds, together with the other lower worlds of the universe, are destroyed by fire at the end of a mahākālpa (see Temporal cosmology below). One way to rebirth in the Brahma world is mastery over the first jhana. Another is through meditations on loving kindness, compassion, altruistic joy, and equanimity. The Buddha teaches the Brahmin Subha, how to be born in the world of Brahma, in the Subha Sutta, when asked by him.[citation needed]

Mahābrahmā महाब्रह्मा (Tibetan: རྒྱལ་ལོ་མཛེས་པོ་, Wylie: tshangs pa chen po; Vietnamese: Trời Đại Phạm; Chinese: 大梵天; Japanese: 'Daibonten; Korean: 대범천; Thai: มหาพรหม) – Brahmāloka is the world of "Great Brahmā", believed by many to be the creator of the world, and having as his name Mahābrahmā, the Conqueror, the Unconquered, the All-Seeing, All-Powerful, the Lord, the Maker and Creator, the Ruler, Appointer and Orderer, Father of All That Have Been and Shall Be." According to the Brahmajāla Sutta (DN.1), a Mahābrahmā is a being from the Ābhāsvara worlds who falls into a lower world through exhaustion of his merits and is reborn alone in the Brahma-world; forgetting his former existence, he imagines himself to have come into existence without cause. Note that even such a high-ranking deity has no intrinsic knowledge of the worlds above his own. Mahābrahmā is 1 1/2 yojanas tall. His lifespan variously said to be 1 kalpa (Vibhajyavāda tradition) or 1 1/2 kalpas long (Sarvāstivāda tradition), although it would seem that it could be no longer than 3/4 of a mahākālpa, i.e., all of the mahākālpa except for the Samvartasthāyikalpa, because that is the total length of time between the rebuilding of the lower world and its destruction. It is unclear what period of time "kalpa" refers to in this case. The height of this world is 10,240 yojanas above the Earth.[citation needed]

Brahmapurohita ब्रह्मपुरोहित (Vietnamese: Trời Phạm Phụ; Chinese: 梵辅天; Tibetan: རྒྱལ་ལོ་མཛེས་པོ་, Wylie: tshangs 'khor; Thai: พรหมปุโรหิตา) – the "Ministers of Brahmā" are beings, also originally from the Ābhāsvara worlds, that are born as companions to Mahābrahmā after he has spent some time alone. Since they arise subsequent to his thought of a desire for companions, he believes himself to be their creator, and they likewise believe him to be their creator and lord. They are 1 yojana in height and their lifespan is variously said to be 1/2 of a kalpa (Vibhajyavāda tradition) or a whole kalpa (Sarvāstivāda tradition). If they are later reborn in a lower world, and come to recall some part of their last existence, they teach the doctrine of Brahmā as creator as a revealed truth. The height of this world is 5,120 yojanas above the Earth.[citation needed]

Brahmapāriṣadya ब्रह्मपरिषद्य or Brahmapārisajja ब्रह्मपरिसज्ज (Vietnamese: Trời Phạm Chúng; Chinese: 梵众天; Tibetan: རྒྱལ་ལོ་མཛེས་པོ་, Wylie: tshangs ris; Thai: พรหมปรีชัญชา or พรหมปารีชัญชา) – the "Councilors of Brahmā" or the devas "belonging to the assembly of Brahmā". They are also called Brahmakāyika, but this name can be used for any of the inhabitants of the Brahma-worlds. They are half a yojana in height and their lifespan is variously said to be 1/3 of a kalpa (Vibhajyavāda tradition) or 1/2 of a kalpa (Sarvāstivāda tradition). The height of this world is 2,560 yojanas above the Earth.[citation needed]

Main article: Desire realm

Heavens

### Higher Heavens (Higher Kama Loka)

Paranirmita-vaśavartin परिनिर्मितवशवर्त्त or Paranimmita-vasavatti परनिमित्तवसवत्ति (Tibetan: གཤམ་འབྱུང་དབང་ཐེན་, Wylie: gzhan 'phrul dbang byed; Vietnamese: Trờì Tha Hoá Tự Tại; Chinese: 他化自在天; Japanese: Takejizai-ten; Korean: 타화자재천; Burmese: ဝရုဏိယဝိမာနဝိသုဒ္ဓိ; Thai: ปาริณมิตตสวรรค์ or ปรีณมิตตสวรรค์) – The heaven of devas "with power over (others') creations". These devas do not create pleasing forms that they desire for themselves, but their desires are fulfilled by the acts of other devas who wish for their favor. The ruler of this world is called Vaśavartin (Pāli: Vasavatti), who has a longer life, greater beauty, more power and happiness and more delightful sense-objects than the other devas of his world. This world is also the home of the devaputra (being of divine race) called Māra, who endeavors to keep all beings of the Kāmadhātu in the grip of sensual pleasures. Māra is also sometimes called Vaśavartin, but in general these two dwellers of this world are kept distinct. The beings of this world are 4,500 feet (1,400 m) tall and live for 9,216,000,000 years (Sarvāstivāda tradition). The height of this world is 1,280 yojanas above the Earth.[citation needed]

Nirmāṇarātī निर्माणरति or Nimmānaratī निम्माणरती (Tibetan: རྒྱལ་དགའ་, Wylie: 'phrul dga'; Vietnamese: Trời Hoá Lạc; Chinese: 化乐天/化樂天; Japanese: 化楽天 Keraku-ten; Korean: 화락천; Burmese: နိမ္မာနဝိတိ; Thai: นิมมานรติ or นิรมาณรติ)– The world of devas "delighting in their creations". The devas of this world are capable of making any appearance to please themselves. The lord of this world is called Sunirmita (Pāli: Sunimmita); his wife is the rebirth of Visākḥā, formerly the chief of the upāsikās (female lay devotees) of the Buddha. The beings of this world are 3,750 feet (1,140 m) tall and live for 2,304,000,000 years (Sarvāstivāda tradition). The height of this world is 640 yojanas above the Earth.[citation needed]

Tuṣṭita तुषित or Tusita तुसित (Tibetan: ངགལ་ལྷན་, Wylie: dga' ldan; Vietnamese: Trờì Đâu Suất; Chinese: 兜率天; Japanese: Tosotsu-ten; Korean: 도솔천; Burmese: တုသိတ; Thai: ดุสิต, ดุสิตา or ดุสิตา) – The world of the "joyful" devas. This world is best known for being the world in which a Bodhisattva lives before being reborn in the world of humans. Until a few thousand years ago, the Bodhisattva of this world was Śvetaketu (Pāli: Setaketu), who was reborn as Siddhārtha, who would become the Buddha Śākyamuni; since then the Bodhisattva has been Nātha (or Nāthadeva) who will be reborn as Ajita and will become the Buddha Maitreya (Pāli Metteyya). While this Bodhisattva is the foremost of the dwellers in Tuṣṭita, the ruler of this world is another deva called Santuṣṭita (Pāli: Santusita). The beings of this world are 3,000 feet (910 m) tall and live for 576,000,000 years (Sarvāstivāda tradition). The height of this world is 320 yojanas above the Earth.[citation needed]

Yāma याम (Tibetan: རྩམ་བླ་, Wylie: 'thab bral; Vietnamese: Trời Dạ Ma; Chinese: 夜摩天; Japanese: Yama-ten; Korean: 야마천; Burmese: ယမ; Thai: ยามา) - Sometimes

called the "heaven without fighting", because it is the lowest of the heavens to be physically separated from the tumults of the earthly world. These devas live in the air, free of all difficulties. Its ruler is the deva Suyāma; according to some, his wife is the rebirth of Sirimā, a courtesan of Rājagṛha in the Buddha's time who was generous to the monks. The beings of this world are 2,250 feet (690 m) tall and live for 144,000,000 years (Sarvāstivāda tradition). The height of this world is 160 yojanas above the Earth.[citation needed]

Lower Heavens (Worlds of Sumeru)

Main article: Mount Meru (Buddhism)

The world-mountain of Sumeru सुमेरु (Vietnamese: Tu Di; Sineru सिनेरु; Thai: เขาพระสุเมรุ, สีนะรุบรรพต) is an immense, strangely-shaped peak which arises in the center of the world, and around which the Sun and Moon revolve. Its base rests in a vast ocean, and it is surrounded by several rings of lesser mountain ranges and oceans. The three worlds listed below are all located on, or around, Sumeru: the Trāyastriṃśa devas live on its peak, the Cāturmahārājikakāyika devas live on its slopes, and the Asuras live in the ocean at its base. Sumeru and its surrounding oceans and mountains are the home not just of these deities, but also vast assemblies of beings of popular mythology who only rarely intrude on the human world. They are even more passionate than the higher devas, and do not simply enjoy themselves but also engage in strife and fighting.[citation needed]

Trāyastriṃśa त्रायस्त्रिंश or Tāvatiṃsa तवतिस (Tibetan: ལྷ་ཁུ་རྩ་གསུམ་པ་, Wylie: sum cu rtsa gsum pa; Vietnamese: Trời Đao Lợi/ Trời Tam Thập Tam; Chinese: 忉利天/三十三天;

Japanese: Tōri-ten; Korean: 도리천; Burmese: ၁၀၀၀၁၁; Thai: ดาวดึงส์, ไตรตรึงส์, ดาวดึงส์ or ทรายสตรึงส์) – The world "of the Thirty-three (devas)" is a wide flat space on the top of Mount Sumeru, filled with the gardens and palaces of the devas. Its ruler is Śakra devānām indra, शक्रो देवानामिन्द्र: "Śakra, lord of the devas or King of devas". Śakra's consort Shachi devi live in this heaven. Besides the eponymous Thirty-three million gods and goddesses, many other devas and supernatural beings, known as Varuna and Vayu dwell here, including the attendants of the devas and many heavenly courtesans (apsaras or nymphs). Sakka and the devas honor sages and holy men. Many devas dwelling here live in mansions in the air. The beings of this world are 1,500 feet (460 m) tall and live for 36,000,000 years (Sarvāstivāda tradition) or 3/4 of a yojana tall and live for 30,000,000 years (Vibhajjavāda tradition). The height of this world is 80 yojanas above the Earth.[citation needed]

Cāturmahārājikakāyika चातुर्माहाराजिक or Cātummahārājika चातुम्महाराजिक (Tibetan: རྒྱལ་ཁྱེན་བཞི་, Wylie: rgyal chen bzhi; Vietnamese: Trời Tứ Thiên Vương; Chinese: 四大天王; Japanese: Shidaiōshu-ten; Korean: 사천왕; Burmese: ၁၀၀၀၀၀; Thai: จาตุรรมหาราชิกา or จาตุรรมหาราชิกากายิกา) – The world "of the Four Great Kings" is found on the lower slopes of Mount Sumeru, though some of its inhabitants live in the air around the mountain. Its rulers are the four Great Kings of the name, Virūḍhaka विरूढकः, king of the Southern Direction, is lord of the kumbandas; Dhṛtarāṣṭra धृतराष्ट्रः, king of the Eastern Direction, is lord of the gandhabbas; Virūpākṣa विरूपाक्षः, king of the Western Direction, is lord of the nagas; and their leader Vaiśravaṇa वैश्रवणः, also known as Kuvera, who rules as king of the Northern Direction, is lord of the yakḥas, but ultimately all are accountable to Śakra. They are the martial kings who guard the four quarters of the Earth. The Garudas and the devas who guide the Sun and Moon are also considered part of this world, as are the retinues of the four kings, composed of Kumbhāṇḍas कुम्भाण्ड (dwarfs), Gandharvas गन्धर्व (fairies), Nāgas नाग (dragons) and Yakṣas यक्ष (goblins). These devas also inhabit remote areas such as forests, hills, and abandoned caves. Though living in misery they have the potential for awakening and can attain the path and fruits of the spiritual life. The beings of this world are 750 feet (230 m) tall and live for 9,000,000 years (Sarvāstivāda tradition) or 90,000 years (Vibhajjavāda tradition). The height of this world is from sea level up to 40 yojanas above the Earth.[citation needed]

Asura असुर (Tibetan: ལྷ་མ་ཡིན་, Wylie: lha ma yin; Vietnamese: A Tu La; Chinese: 阿修羅;

Japanese: Ashura; Korean: 아수라; Burmese: အသုရ; Thai: อสูรกาย – The world of the Asuras is the space at the foot of Mount Sumeru, much of which is a deep ocean. It is not the Asuras' original home, but the place they found themselves after they were hurled, drunken, from Trāyastriṃśa where they had formerly lived. The Asuras are always fighting to regain their lost kingdom on the top of Mount

Sumeru, but are unable to break the guard of the Four Great Kings. The Asuras are divided into many groups, and have no single ruler, but among their leaders are Vemacitrin वेमचित्री (Pāli: Vepacitti वेपचित्ती) and Rāhu. In later texts, we find the Asura realm as one of the four unhappy states of rebirth, but the Nikāya evidence however does not show that the Asura realm was regarded as a state of suffering.[citation needed]

The foundations of the earth All of the structures of the earth, Sumeru and the rest, extend downward to a depth of 80,000 yojanas below sea level – the same as the height of Sumeru above sea level. Below this is a layer of "golden earth", a substance compact and firm enough to support the weight of Sumeru. It is 320,000 yojanas in depth and so extends to 400,000 yojanas below sea level. The layer of golden earth in turn rests upon a layer of water, which is 8,000,000 yojanas in depth, going down to 8,400,000 yojanas below sea level. Below the layer of water is a "circle of wind", which is 16,000,000 yojanas in depth and also much broader in extent, supporting 1,000 different worlds upon it. Yojanas are equivalent to about 13 km (8 mi).[citation needed]

### Earthly realms

Manuṣyaloka मनुष्यलोक (Tibetan: མི, Wylie: mi; Vietnamese: Người; Chinese: 人; Japanese: 人; Korean: 인; Burmese: မူလူဝံ; Thai: มนุสสภูมิ or มนุษย์โลก) – This is the world of humans and human-like beings who live on the surface of the earth. Birth in this plane results from giving and moral discipline of middling quality. This is the realm of moral choice where destiny can be guided. The Khana Sutta mentioned that this plane is a unique balance of pleasure and pain. It facilitates the development of virtue and wisdom to liberate oneself from the entire cycle of rebirths. For this reason rebirth as a human being is considered precious according to the Chiggala Sutta. The mountain-rings that engird Sumeru are surrounded by a vast ocean, which fills most of the world. The ocean is in turn surrounded by a circular mountain wall called Cakravāḍa चक्रवाड (Pāli: Cakkavāla चक्कवाळ; Thai: จักรวาล or จุกวาล) which marks the horizontal limit of the world. In this ocean there are four continents which are, relatively speaking, small islands in it. Because of the immenseness of the ocean, they cannot be reached from each other by ordinary sailing vessels, although in the past, when the cakravartin kings ruled, communication between the continents was possible by means of the treasure called the cakraratna (Pāli cakkaratana), which a cakravartin king and his retinue could use to fly through the air between the continents.[citation needed]

The four continents are:

Jambudvīpa जम्बुद्वीप or Jambudīpa जम्बुदीप (Tibetan: འཛམ་བུ་གླིང་, Wylie: 'dzam bu gling; Vietnamese: Diêm Phù Đề or Nam Thiệm Bộ Châu; Chinese: 閻浮提 or 瞻部洲; Japanese: Enbudai; Korean: 염부제; Burmese: ဧဗ္ဗဒ္ဓိဝ; Thai: ขมพูทวีป) is located in the south and is the dwelling of ordinary human beings. It is said to be shaped "like a cart", or rather a blunt-nosed triangle with the point facing south. (This description probably echoes the shape of the coastline of southern India.) It is 10,000 yojanas in extent (Vibhajyavāda tradition) or has a perimeter of 6,000 yojanas (Sarvāstivāda tradition) to which can be added the southern coast of only 3.5 yojanas' length. The continent takes its name from a giant Jambu tree (Syzygium cumini), 100 yojanas tall, which grows in the middle of the continent. Every continent has one of these giant trees. All Buddhas appear in Jambudvīpa. The people here are five to six feet tall and their length of life varies between 10 and about 80,000 years.[citation needed]

Pūrvavideha पूर्वविदेह or Pubbavideha पुब्वविदेह (Tibetan: ལུས་འཕགས་པོ་, Wylie: lus 'phags po; Vietnamese: Đông Thắng Thần Châu; Burmese: ပုပ္ဖဝိဒေဝ; Thai: ปุพพวิเทหทวีป or บวรวิเทหทวีป; Chinese: 勝身洲) is located in the east, and is shaped like a semicircle with the flat side pointing westward (i.e., towards Sumeru). It is 7,000 yojanas in extent (Vibhajyavāda tradition) or has a perimeter of 6,350 yojanas of which the flat side is 2,000 yojanas long (Sarvāstivāda tradition). Its tree is the acacia, or Albizia lebbek (Sukhōthai tradition) and this tree is similar to Yggdrasil world tree in Norse mythology. The people here are about 12 feet (3.7 m) tall and they live for 700 years. Their main work is trading and buying materials.[citation needed]

Aparagodāniya अपरगोदानीय or Aparagoyāna अपरगोयान (Tibetan: བ་ལང་གླིང་, Wylie: ba lang spyod; Vietnamese: Tây Ngưu Hoá Châu; Burmese: အဝရဂေယန; Thai: อปรโคยานทวีป or อปร

โคทานียทวีป; Chinese: 牛貨洲) is located in the west, and is shaped like a circle with a circumference of about 7,500 yojanas (Sarvāstivāda tradition). The tree of this continent is a giant Kadamba tree (*Anthocephalus chinensis*). The human inhabitants of this continent do not live in houses but sleep on the ground. Their main transportation is Bullock cart. They are about 24 feet (7.3 m) tall and they live for 500 years.[citation needed]

Uttarakuru उत्तरकुरु (Tibetan: མཁི་རྩུ་, Wylie: sgra mi snyan; Vietnamese: Bắc Câu Lư Châu; Burmese: ဥတ္တရကုရု; Thai: อุตฺตรกुरुทวีป; Chinese: 俱盧州) is located in the north, and is shaped like a square. It has a perimeter of 8,000 yojanas, being 2,000 yojanas on each side. This continent's giant tree is called a kalpavṛkṣa कल्पवृक्ष (Pāli: kapparuḁkha ကပ္ပရုက္ခ) or kalpa-tree, because it lasts for the entire kalpa. The inhabitants of Uttarakuru have cities built in the air. They are said to be extraordinarily wealthy, not needing to labor for a living – as their food grows by itself – and having no private property. They are about 48 feet (15 m) tall and live for 1,000 years, and they are under the protection of Vaiśravaṇa.

[citation needed]

Tiryagyonī-loka तिर्यग्योनिलोक or Tiracchāna-yoni तिरच्छानयोनि (Tibetan: དྲུག་ལོ་, Wylie: dud 'gro; Vietnamese: Súc Sanh; Chinese: 畜生; Japanese: chikushō; Korean: 축생; Burmese: တိရစ္ဆာန်; Thai: เจริญจานภูมิ or ตีรยถโยนิโลก) – This world comprises all members of the animal kingdom that are capable of feeling suffering, regardless of size. The animal realm includes animals, insects, fish, birds, worms, etc..[citation needed]

Pretaloka प्रेतलोक or Petaloka पेटलोक (Tibetan: བི་དྭགས་, Wylie: yi dwags; Vietnamese: Ngạ Quỷ; Chinese: 餓鬼; Japanese: gaki; Korean: 아귀; Burmese: ပြိတ္တ; Thai: เปตภูมิ or เปตตโลก) – The pretas, or "hungry ghosts", are mostly dwellers on earth, though due to their mental state they perceive it very differently from humans. This is the realm where ghost and unhappy spirits wander in vain, hopelessly in search of sensual fulfillment.[citation needed]

Hells (Narakas)

Main article: Naraka (Buddhism)

Naraka नरक or Niraya निरय (Tibetan: དུམ་ཁ་, Wylie: dmyal ba; Vietnamese: Địa Ngục hoặc Na-Lạc-Ca; Burmese: ငရဲ; Thai: นรก) is the name given to one of the worlds of greatest suffering, usually translated into English as "hell" or "purgatory". These are realms of extreme sufferings. As with the other realms, a being is born into one of these worlds as a result of his karma, and resides there for a finite length of time until his karma has achieved its full result, after which he will be reborn in one of the higher worlds as the result of an earlier karma that had not yet ripened. The mentality of a being in the hells corresponds to states of extreme fear and helpless anguish in humans.[citation needed]

Physically, Naraka is thought of as a series of layers extending below Jambudvīpa into the earth. There are several schemes for counting these Narakas and enumerating their torments. One of the more common is that of the Eight Cold Narakas and Eight Hot Narakas.[citation needed]

Eight Great Cold Narakas[citation needed]

Arbuda अर्बुद – the "blister" Naraka

Nirarbuda निरर्बुद – the "burst blister" Naraka

Ataṭa अतट – the Naraka of shivering

Hahava हहव – the Naraka of lamentation

Huhuva हुहुव – the Naraka of chattering teeth

Utpala उत्पल – the Naraka of skin becoming blue as a blue lotus

Padma पद्म – the Naraka of cracking skin

Mahāpadma महापद्म – the Naraka of total frozen bodies falling apart

Eight Great Hot Narakas[citation needed]

Sañjīva सञ्जीव (Burmese: သိင်္ခါ ငရဲ; Thai: สัจชีวมหานรก) – the "reviving" Naraka.

Kālasūtra कालसूत्र (Burmese: ကာလသုတ်ငရဲ; Thai: กาฬสูตรมหานรก/กาลสูตร) – the "black thread" Naraka.

Samghāta संघात (Burmese: သဃ်ဝေငရဲ; Thai: สังฆาฏมหานรก or สัมภัต) – the "crushing" Naraka.

Raurava/Rīrava रौरव/रीरव (Burmese: ရောရဝငရဲ; Thai: รौरวมมหานรก) – the "screaming" Naraka.

Mahāraurava/Mahārīrava महारौरव/महारीरव (Burmese: မဟာရောရဝငရဲ; Thai: มหารौरวมมหานรก) –

the "great screaming" Naraka.

Tāpana/Tapana တပန (Burmese: တပန ; Thai: ตาปนมหานรก) - the "heating" Naraka.

Mahātāpana มหาตပန (Burmese: မဟာတပန ; Thai: มหาตาปนมหานรก) - the "great heating" Naraka.

Avīci อวิจิ (Burmese: အဝီစိ ; Thai: อเวจีมหานรก/อวิจิ) - the "uninterrupted" Naraka.

Horizontal cosmology - Saḥasra cosmology

Buddhist cosmological image of alternate world systems.

Saḥasra means "one thousand". All of the planes, from the plane of neither perception nor non-perception (nevasanna-asanna-ayatana) down to the Avīci - the "without interval" niraya - constitutes the single world-system, Cakkavāla (intimating something circular, a "wheel" or one Planetary system, but the etymology is uncertain[9]), described above. A collection of one thousand systems are called a "thousandfold minor world-system" (Culanika Lokadhātu) or a small chiliocosm. A collection of a million systems is a "thousandfold to the second power middling world-system" (Dvisahassi Majjhima Lokadhātu) or a medium dichiliocosm.[citation needed] The largest grouping, which consists of a billion world-systems, is called (Trisahassi Mahasassi Lokadhātu), a great trichiliocosm or The Galaxy. The Tathagata, if he so wished, could effect his voice and divine power throughout a great trichiliocosm.[citation needed] He does so by suffusing the trichiliocosm with his radiance, at which point the inhabitants of those world-system will perceive this light, and then proceeds to extend his voice and powers throughout that realm.[10]

Temporal cosmology

See also: Decline of the Dharma

Buddhist temporal cosmology describes how the universe comes into being and is dissolved. Like other Indian cosmologies, it assumes an infinite span of time and is cyclical. This does not mean that the same events occur in identical form with each cycle, but merely that, as with the cycles of day and night or summer and winter, certain natural events occur over and over to give some structure to time.[citation needed]

The basic unit of time measurement is the mahākalpa or "Great Eon" (Chinese: 大劫 dàjié/Japanese: 大劫 daigō; Thai: มหากัป or มหากัลป์; Devanagari: महाकल्प / महाकल्प). The length of this time in human years is never defined exactly, but it is meant to be very long, to be measured in billions of years if not longer.[citation needed]

Maha Kalpa

The word kalpa, means 'moment'. A maha kalpa consists of four moments (kalpa), the first of which is creation. The creation moment consists of the creation of the "receptacle", and the descent of beings from higher realms into more coarse forms of existence. During the rest of the creation moment, the world is populated. Human beings who exist at this point have no limit on their lifespan. The second moment is the duration moment, the start of this moment is signified by the first sentient being to enter hell (niraya), the hells and nirayas not existing or being empty prior to this moment. The duration moment consists of twenty "intermediate" moments (antarakappas), which unfold in a drama of the human lifespan descending from 80,000 years to 10, and then back up to 80,000 again. The interval between 2 of these "intermediate" moments is the "seven day purge", in which a variety of humans will kill each other (not knowing or recognizing each other), some humans will go into hiding. At the end of this purge, they will emerge from hiding and repopulate the world. After this purge, the lifespan will increase to 80,000, reach its peak and descend, at which point the purge will happen again.[citation needed]

Within the duration 'moment', this purge and repeat cycle seems to happen around 18 times, the first "intermediate" moment consisting only of the descent from 80,000 - the second intermediate moment consisting of a rise and descent, and the last consisting only of an ascent.[citation needed]



After the duration 'moment' is the dissolution moment, the hells will gradually be emptied, as well as all coarser forms of existence. The beings will flock to the form realms (rupa dhatu), a destruction of fire occurs, sparing everything from the realms of the 'radiant' gods and above (abha deva).[citation needed]

After 7 of these destructions by 'fire', a destruction by water occurs, and everything from the realms of the 'pleasant' gods and above is spared (subha deva).[citation needed]

After 64 of these destructions by fire and water, that is – 56 destructions by fire, and 7 by water – a destruction by wind occurs, this eliminates everything below the realms of the 'fruitful' devas (vehapphala devas, literally of "great fruit"). The pure abodes (suddhavaśa, meaning something like pure, unmixed, similar to the connotation of "pure bred German shepherd"), are never destroyed. Although without the appearance of a Buddha, these realms may remain empty for a long time. The inhabitants of these realms have exceedingly long life spans.  
[citation needed]

The formless realms are never destroyed because they do not consist of form (rupa). The reason the world is destroyed by fire, water and wind, and not earth is because earth is the 'receptacle'. [citation needed]

After the dissolution moment, this particular world system remains dissolved for a long time, this is called the 'empty' moment, but the more accurate term would be "the state of being dissolved". The beings that inhabited this realm formerly will migrate to other world systems, and perhaps return if their journeys lead here again.[11][12]

A mahākālpa is divided into four kalpas or "eons" (Chn/Jpn: 劫 kō; Thai: ภัฏ; अन्तरकल्प), each distinguished from the others by the stage of evolution of the universe during that kalpa. The four kalpas are:

Vivartakālpa विवर्तकल्प "Eon of evolution" – during this kalpa the universe comes into existence.

Vivartasthāyikālpa विवर्तस्थायिकल्प "Eon of evolution-duration" – during this kalpa the universe remains in existence in a steady state.

Saṃvartakālpa संवर्तकल्प "Eon of dissolution" – during this kalpa the universe dissolves.

Saṃvartasthāyikālpa संवर्तस्थायिकल्प "Eon of dissolution-duration" – during this kalpa the universe remains in a state of emptiness.

Each one of these kalpas is divided into twenty antarakalpas अन्तरकल्प (Pāli: antarakappa अन्तरकप्प; Chn/Jpn: 中劫, "inside eons"; Thai: ภัฏกัป) each of about the same length. For the Saṃvartasthāyikālpa this division is merely nominal, as nothing changes from one antarakālpa to the next; but for the other three kalpas it marks an interior cycle within the kalpa.[citation needed]

#### Vivartakālpa

The Vivartakālpa begins with the arising of the primordial wind, which begins the process of building up the structures of the universe that had been destroyed at the end of the last mahākālpa. As the extent of the destruction can vary, the nature of this evolution can vary as well, but it always takes the form of beings from a higher world being born into a lower world. The example of a Mahābrahmā being the rebirth of a deceased Ābhāsvara deva is just one instance of this, which continues throughout the Vivartakālpa until all the worlds are filled from the Brahmaloḥita down to Avīci Hell. During the Vivartakālpa the first humans appear; they are not like present-day humans, but are beings shining in their own light, capable of moving through the air without mechanical aid, living for a very long time, and not requiring sustenance; they are more like a type of lower deity than present-day humans are.[13]

Over time, they acquire a taste for physical nutriment, and as they consume it, their bodies become heavier and more like human bodies; they lose their ability to shine, and begin to acquire differences in their appearance, and their length

of life decreases. They differentiate into two sexes and begin to become sexually active. Then greed, theft and violence arise among them, and they establish social distinctions and government and elect a king to rule them, called Mahāsammata महासम्मत, "the great appointed one". Some of them begin to hunt and eat the flesh of animals, which have by now come into existence.[14]

#### Vivartasthāyikalpa

##### First antarakalpa

The Vivartasthāyikalpa begins when the first being is born into Naraka, thus filling the entire universe with beings. During the first antarakalpa of this eon, the duration of human lives declines from a vast but unspecified number of years (but at least several tens of thousands of years) toward the modern lifespan of less than 100 years. At the beginning of the antarakalpa, people are still generally happy. They live under the rule of a universal monarch or "wheel-turning king" (Sanskrit: cakravartin चक्रवर्ति; Jpn: 轉輪聖王 Tenrin Jō-ō; Chn: 轉輪聖王 Zhuānlún Shèngwáng; Kor: 전륜성왕 Jeonryun-seongwang; Thai: พระเจ้าจักรพรรดิ Phracêa cākhrphrdi), who conquer[clarification needed]. The Mahāsudassana-sutta (DN.17) tells of the life of a cakravartin king, Mahāsudassana (Sanskrit: Mahāsudarśana) who lived for 336,000 years. The Cakkavatti-sīhanāda-sutta (DN.26) tells of a later dynasty of cakravartins, Daḥhanemi (Sanskrit: Dṛḍhanemi) and five of his descendants, who had a lifespan of over 80,000 years. The seventh of this line of cakravartins broke with the traditions of his forefathers, refusing to abdicate his position at a certain age, pass the throne on to his son, and enter the life of a śramaṇa श्रमण. As a result of his subsequent misrule, poverty increased; as a result of poverty, theft began; as a result of theft, capital punishment was instituted; and as a result of this contempt for life, murders and other crimes became rampant.[citation needed]

The human lifespan now quickly decreased from 80,000 to 100 years, apparently decreasing by about half with each generation (this is perhaps not to be taken literally), while with each generation other crimes and evils increased: lying, greed, hatred, sexual misconduct, disrespect for elders. During this period, according to the Mahāpadāna-sutta (DN.14) three of the four Buddhas of this antarakalpa lived: Kakusandha Buddha क्रकुच्छन्दः (Pāli: Kakusandha ककुन्ध), at the time when the lifespan was 40,000 years; Kanakamuni कनकमुनिः Buddha (Pāli: Konāgamana कोनागमन) when the lifespan was 30,000 years; and Kāśyapa काश्यपः Buddha (Pāli: Kassapa कस्सप) when the lifespan was 20,000 years.[citation needed]

Our present time is taken to be toward the end of the first antarakalpa of this Vivartasthāyikalpa, when the lifespan is less than 100 years, after the life of Śākyamuni शाक्यमुनिः Buddha (Pāli: Sakyamuni ), who lived to the age of 80.[citation needed]

The remainder of the antarakalpa is prophesied to be miserable: lifespans will continue to decrease, and all the evil tendencies of the past will reach their ultimate in destructiveness. People will live no longer than ten years, and will marry at five; foods will be poor and tasteless; no form of morality will be acknowledged. The most contemptuous and hateful people will become the rulers. Incest will be rampant. Hatred between people, even members of the same family, will grow until people think of each other as hunters do of their prey.[15]

Eventually a great war will ensue, in which the most hostile and aggressive will arm themselves with swords in their hands and go out to kill each other. The less aggressive will hide in forests and other secret places while the war rages. This war marks the end of the first antarakalpa.[16]

##### Second antarakalpa

At the end of the war, the survivors will emerge from their hiding places and repent their evil habits. As they begin to do good, their lifespan increases, and the health and welfare of the human race will also increase with it. After a long time, the descendants of those with a 10-year lifespan will live for 80,000 years, and at that time there will be a cakravartin king named Saṅkha शंख. During his reign, the current bodhisattva in the Tuṣita heaven will descend and

be reborn under the name of Ajita अजित. He will enter the life of a śramaṇa and will gain perfect enlightenment as a Buddha; and he will then be known by the name of Maitreya (मैत्रेयः, Pāli: Metteyya मेट्तेय्य).[citation needed]

After Maitreya's time, the world will again worsen, and the lifespan will gradually decrease from 80,000 years to 10 years again, each antarakalpa being separated from the next by devastating war, with peaks of high civilization and morality in the middle. After the 19th antarakalpa, the lifespan will increase to 80,000 and then not decrease, because the Vivartasthāyikalpa will have come to an end.[citation needed]

#### Samvartakalpa

The Samvartakalpa begins when beings cease to be born in Naraka. This cessation of birth then proceeds in reverse order up the vertical cosmology, i.e., pretas then cease to be born, then animals, then humans, and so on up to the realms of the deities.[citation needed]

When these worlds as far as the Brahmaloṇa are devoid of inhabitants, a great fire consumes the entire physical structure of the world. It burns all the worlds below the Ābhāsvara worlds. When they are destroyed, the Samvartasthāyikalpa begins.[citation needed]

#### Samvartasthāyikalpa

There is nothing to say about the Samvartasthāyikalpa, since nothing happens in it below the Ābhāsvara worlds. It ends when the primordial wind begins to blow and build the structure of the worlds up again.[citation needed]

#### Other destructions

The destruction by fire is the normal type of destruction that occurs at the end of the Samvartakalpa. But every eighth mahākālpa, after seven destructions by fire, there is a destruction by water. This is more devastating, as it eliminates not just the Brahma worlds but also the Ābhāsvara worlds.[citation needed]

Every sixty-fourth mahākālpa, after fifty six destructions by fire and seven destructions by water, there is a destruction by wind. This is the most devastating of all, as it also destroys the Śubhakarṣṇa worlds. The higher worlds are never destroyed.[citation needed]

#### Mahayana cosmology

Mahayana Buddhist cosmology presents a distinctive and expansive vision of the universe that diverges significantly from earlier non-Mahayana cosmological frameworks. While both share fundamental concepts such as Infinite cyclical existence (samsara), various realms of rebirth, and the influence of karma, Mahayana introduces a grander, more cosmic scale that emphasizes the presence of innumerable number of Buddhas, Countless number of Buddha-fields (buddhakṣetras), and Universal salvation.[citation needed]

Mahayana cosmology accepts most traditional Abhidharma cosmological theories, but expands on them dramatically with several key innovations, including:

#### Innumerable Buddhas and Bodhisattvas

Mahayana texts describe the universe as filled with countless Buddhas and Bodhisattva Mahāsattvas who actively engage in liberating all sentient beings. The Lotus Sūtra depicts Buddhas projecting manifestations (Nirmanakaya) throughout the Infinite cosmos, each embodying aspects of great wisdom and compassion. These manifestations and emanations are not restricted to rare historical appearances but are constant and numerous, reflecting an Omnipresent salvific influence.[citation needed]

The Avataṃsaka Sūtra meanwhile describes a cosmic Fractal vision where every Atom of the universe contains infinite Buddhas teaching the Dharma to infinite beings. This radical expansion emphasizes the non-duality of space and consciousness, blurring distinctions between the ordinary and the sacred.

[citation needed]

Buddha-fields (Pure Lands)

Mahayana cosmology envisions numerous pure lands (Skt:buddhakṣetras), All 31 realms creating one world system (Skt: Cakkavāḷa), Only one Buddha-land contains an 1 Billion world systems and it was purified by the great vows and spiritual powers of its own Buddha. These realms are ideal environments for spiritual practice and are accessible through faith, devotion, and the cultivation of merit. [citation needed]

Notable pure lands include:

Sukhāvātī (the Western Pure Land or Eternal Land of ultimate bliss of infinite light Amitābha Buddha), where beings enjoy bliss and can easily attain enlightenment. This Buddha-land exists in beyond 1 Trillion Buddha-lands away to the Western direction from our Sāhālokadhātu.

Abhirati (The Eastern Pure Land of Akṣobhya Buddha), characterized by meditative stability and wisdom.

Vairocana's Cosmic Realm, described in the Avataṃsaka Sūtra as a vast "Lotus Treasury World" (Padmagarbha-lokadhātu), a luminous cosmos where infinite Buddhas and bodhisattvas dwell in interpenetrating billions of universes.

Vaiḍūryanirbhāsa (Radiant Lapis Lazuli) Buddha-land exists in the eastern direction beyond the Buddha-lands equal to the grains of sand of 10 Ganges rivers, this Pureland was ruled by Medicine Buddha called Bhaiṣajyaguru Buddha.

Śākyamuni Buddha himself is said to reside in a Pure Land called "Unsurpassable" (Wúshèng), from which he manifests in this world to teach the Eternal Dharma.

[citation needed]

The Ten Realms

Japanese depiction of the ten realms

Expanding upon the traditional six realms of existence, Mahayana traditions (particularly East Asian schools like Tiantai) use the schema of "ten realms", which includes the traditional six realms of rebirth, plus four additional spiritual realms:

Śrāvaka (Arhat, Disciples of the Buddha)

Pratyekabuddha (Solitary Buddhas)

Bodhisattva Mahāsattvas (Aspiring Buddhas)

Buddha (Fully Awakened Enlightened Beings)

In East Asian Buddhist traditions like Tiantai, the ten realms are understood to be mutually inclusive, meaning that each realm contains the potential for all others. This idea emphasizes the universal potential for enlightenment, even in the most deluded or painful states of existence.[citation needed]

The Cosmic Buddha as the Universe Itself

A distinctive Mahayana innovation is the concept of the Cosmic Buddha, Vairocana, whose body encompasses the entire cosmos of Multiverse. Described in the Avataṃsaka Sūtra, Vairocana's realm is an all-encompassing Buddha-field in which all beings exist as part of the Buddha's own enlightened body. This view merges cosmology with ontology, suggesting that all reality is fundamentally sacred and interconnected. In the Shingon school of Esoteric Buddhism, this notion is symbolized by the Vajradhātu and Garbhadhātu mandalas, which depict Vairocana Buddha's cosmic body as a web of interdependent beings and worlds. This emphasizes the immanence of Buddhahood within ordinary experience.[citation needed]

See also

Buddhism and evolution

Fourteen unanswerable questions

Hindu cosmology

Index of Buddhism-related articles

Jain cosmology

Religious cosmology

## Secular Buddhism

### Six Paths

#### Notes

Tib: gzugs med pa'i khams; Vietnamese: Giới Vô Sắc; Chinese: 无色界/無色界;

Japanese: 無色界 Mushiki-kai; Burmese: အရူပလောက; Thai: อารูปยธาตุ/ อรูปโลก;

Devanagari: आरूपधातु / अरूपलोक

Standard Tibetan: du shes med 'du shes med min; Vietnamese: Xứ Phi Tưởng Phi Phi Tưởng; Chinese: 非有想非无想处; Japanese: 非有想非無想处; Burmese: နေဝသည နသညယတန; Thai: เนวสณฺณานาสณฺณายตน or ไนสํชณฺณานาสํชณฺณายตน

Standard Tibetan: ci yang med; Vietnamese: Xứ Vô Sở Hữu; Chinese: 无所有处/無所有處; Japanese: 無所有处, romanized: mu sho u sho; Burmese: အကိစ္ဆညယတန; Thai: อากิณฺณายตน or อากิณฺณายตน

Standard Tibetan: rnam shes mtha' yas; Vietnamese: Xứ Thức Vô Biên; Chinese: 识无边处/識無邊處; Japanese: 識無辺处, romanized: shiki mu hen jo; Burmese: ဝိညာဏတ္ထယတန; Thai: วิญญานานนฺตยายตน or วิชฺฌานานนฺตยายตน

(Standard Tibetan: nam mkha' mtha' yas; Vietnamese: Xứ Không Vô Biên; Chinese: 空无边处/空無邊處; Japanese: 空無辺处, romanized: kū mu hen jo; Burmese: အကသနတ္ထယတန; Thai: อากาสานนฺตยายตน or อากาสานนฺตยายตน

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#### Topics in Buddhism

Categories: Buddhist cosmologyReligious cosmologiesBuddhist philosophy

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[The Thirty-one Planes of Existence](#)

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Scattered throughout the suttas are references to as many as thirty-one distinct "planes" or "realms" of existence into which beings can be reborn during their long wandering through samsara. These range from the extraordinarily grim and painful hell realms all the way up to the most exquisitely refined and blissful heaven realms. Existence in every realm is temporary; in Buddhist cosmology there is no eternal heaven or hell. Beings are born into a particular realm according to their past kamma. When they pass away, they take rebirth once again elsewhere according to the quality of their kamma: wholesome actions bring about a favorable rebirth, while unwholesome actions lead to an unfavorable one. And so the wearisome cycle continues.

The realms of existence are customarily divided into three distinct "worlds" (loka), listed here in descending order of refinement:

The Immaterial World (arupa-loka). Consists of four realms that are accessible to those who pass away while meditating in the formless jhanas.

The Fine-Material World (rupa-loka). Consists of sixteen realms whose inhabitants (the devas) experience extremely refined degrees of mental pleasure. These realms are accessible to those who have attained at least some level of jhana and who have thereby managed to (temporarily) suppress hatred and ill-will. They are said to possess extremely refined bodies of pure light. The highest of these realms, the Pure Abodes, are accessible only to those who have attained to "non-returning," the third stage of Awakening. The Fine-Material World and the Immaterial World together constitute the "heavens" (sagga).

The Sensuous World (kama-loka). Consists of eleven realms in which experience – both pleasurable and not – is dominated by the five senses. Seven of these realms are favorable destinations, and include our own human realm as well as several realms occupied by devas. The lowest realms are the four "bad" destinations, which include the animal and hell realms.

The information on this page was assembled from a variety of sources. In the interests of economizing space I have not attributed each fact to its respective source.

## I. The Immaterial World (arupa-loka)

Realm Comments Cause of rebirth here

(31) Neither-perception-nor-non-perception (nevasaññānasaññāyatanupaga deva) The inhabitants of these realms are possessed entirely of mind. Having no physical body, they are unable to hear Dhamma teachings. Fourth formless jhana

(30) Nothingness (akiñcaññayatanupaga deva) Third formless jhana

(29) Infinite Consciousness (viññāṇañcayatanupaga deva) Second formless jhana

(28) Infinite Space (akasañcayatanupaga deva) First formless jhana

## II. The Fine-Material World (rupa-loka)

Realm Comments Cause of rebirth here

(27) Peerless devas (akanittha deva) These are the five Pure Abodes (suddhavaśa), which are accessible only to non-returners (anagāmi) and arahants. Beings who become non-returners in other planes are reborn here, where they attain arahantship.

Among its inhabitants is Brahma Sahampati, who begs the Buddha to teach Dhamma to the world (SN 6.1).

Fourth jhana. (See, e.g., AN 4.123.)

(26) Clear-sighted devas (sudassi deva)

(25) Beautiful devas (sudassa deva)

(24) Untroubled devas (atappa deva)

(23) Devas not Falling Away (aviha deva)

(22) Unconscious beings (asaññasatta) Only body is present; no mind.

(21) Very Fruitful devas (vehapphala deva) Beings in these planes enjoy varying degrees of jhanic bliss.

(20) Devas of Refulgent Glory (subhakinna deva)

Third jhana (highest degree). (See, e.g., AN 4.123.)

(19) Devas of Unbounded Glory (appamanasubha deva) Third jhana (medium degree)

(18) Devas of Limited Glory (parittasubha deva) Third jhana (minor degree)

(17) Devas of Streaming Radiance (abhassara deva)

Second jhana (highest degree). (See, e.g., AN 4.123.)

(16) Devas of Unbounded Radiance (appamanabha deva) Second jhana (medium degree)

(15) Devas of Limited Radiance (parittabha deva) Second jhana (minor degree)

(14) Great Brahmas (Maha brahma) One of this realm's most famous inhabitants is the Great Brahma, a deity whose delusion leads him to regard himself as the all-powerful, all-seeing creator of the universe (DN 11). First jhana (highest degree)

(13) Ministers of Brahma (brahma-purohita deva) Beings in these planes enjoy varying degrees of jhanic bliss. First jhana (medium degree)

(12) Retinue of Brahma (brahma-parisajja deva)

First jhana (minor degree). (See, e.g., AN 4.123.)

## III. The Sensuous World (kama-loka)

Happy Destinations (sugati)

Realm Comments Cause of rebirth here

(11) Devas Wielding Power over the Creation of Others (paranimmita-vasavatti deva) These devas enjoy sense pleasures created by others for them. Mara, the personification of delusion and desire, lives here. · Ten wholesome actions (MN 41)

· Generosity

· The development of virtue and wisdom (AN 10.177)

(10) Devas Delighting in Creation (nimmanarati deva) These devas delight in the sense objects of their own creation.

(9) Contented devas (tusita deva) A realm of pure delight and gaiety. Bodhisattas abide here prior to their final human birth. This is where the bodhisatta Maitreya (Metteya), the next Buddha, is said to dwell.

(8) Yama devas (yama deva) These devas live in the air, free of all difficulties.

(7) The Thirty-three Gods (tavatimsa deva) Sakka, a devotee of the Buddha, presides over this realm. Many devas dwelling here live in mansions in the air.  
 (6) Devas of the Four Great Kings (catumaharajika deva) Home of the gandhabbas, the celestial musicians, and the yakkhas, tree spirits of varying degrees of ethical purity. The latter are analogous to the goblins, trolls, and fairies of Western fairy tales.  
 (5) Human beings (manussa loka) You are here (for now).

Rebirth as a human being is extraordinarily rare (SN 56.48). It is also extraordinarily precious, as its unique balance of pleasure and pain (SN 35.135) facilitates the development of virtue and wisdom to the degree necessary to set one free from the entire cycle of rebirths.

- The development of virtue and wisdom (AN 10.177)
- The attainment of stream-entry (sotapatti) guarantees that all future rebirths will be in the human or higher realms.

\* \* \*

#### States of Deprivation (apaya)

Realm Comments Cause of rebirth here

(4) Asuras (asura) The demons – "titans" – that dwell here are engaged in relentless conflict with each other. · Ten unwholesome actions (MN 41)

(3) Hungry Shades/Ghosts (peta loka) Ghosts and unhappy spirits wander hopelessly about this realm, searching in vain for sensual fulfillment.

Read Ajaan Lee's colorful description of this realm.

- Ten unwholesome actions (MN 41)
- Lack of virtue, holding to wrong views (AN 10.177)

(2) Animals (tiracchana yoni) This realm includes all the non-human forms of life that are visible to us under ordinary circumstances: animals, insects, fish, birds, worms, etc. · Ten unwholesome actions (MN 41)

· Lack of virtue, holding to wrong views. If one is generous to monks and nuns, however, one may be reborn as an "ornamented" animal (i.e., a bird with bright plumage; a horse with attractive markings, etc.; AN 10.177).

- Behaving like an animal (MN 57)

(1) Hell (niraya) These are realms of unimaginable suffering and anguish (described in graphic detail in MN 129 and MN 130). Should not be confused with the eternal hell found in other religious traditions, since one's time here is – as it is in every realm – temporary. · Ten unwholesome actions (MN 41)

- Lack of virtue, holding to wrong views (AN 10.177)

· Murdering your parents, murdering an arahant, injuring the Buddha, or creating a schism in the Sangha (AN 5.129)

- Being quarrelsome and annoying to others (Snp II.6)

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See also:

Intentional Action (Kamma)

Heavens (sagga)

The Round of Rebirth (samsara)

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"Intention, I tell you, is kamma. Intending, one does kamma by way of body, speech, & intellect."

– AN 6.63

Taking responsibility for one's actions

"'I am the owner of my actions (kamma), heir to my actions, born of my actions, related through my actions, and have my actions as my arbitrator. Whatever I do, for good or for evil, to that will I fall heir'..."

"[This is a fact that] one should reflect on often, whether one is a woman or a man, lay or ordained..."

"Now, based on what line of reasoning should one often reflect... that 'I am the owner of my actions (kamma), heir to my actions, born of my actions, related through my actions, and have my actions as my arbitrator. Whatever I do, for good or for evil, to that will I fall heir'? There are beings who conduct themselves in a bad way in body... in speech... and in mind. But when they often reflect on that fact, that bad conduct in body, speech, and mind will either be entirely abandoned or grow weaker..."

"A disciple of the noble ones considers this: 'I am not the only one who is owner of my actions, heir to my actions, born of my actions, related through my actions, and have my actions as my arbitrator; who – whatever I do, for good or for evil, to that will I fall heir. To the extent that there are beings – past and future, passing away and re-arising – all beings are the owner of their actions, heir to their actions, born of their actions, related through their actions, and live dependent on their actions. Whatever they do, for good or for evil, to that will they fall heir.' When he/she often reflects on this, the [factors of the] path take birth. He/she sticks with that path, develops it, cultivates it. As he/she sticks with that path, develops it and cultivates it, the fetters are abandoned, the obsessions destroyed."

– AN 5.57

Kamma should be known and understood

"'Kamma should be known. The cause by which kamma comes into play should be known. The diversity in kamma should be known. The result of kamma should be known. The cessation of kamma should be known. The path of practice for the cessation of kamma should be known.' Thus it has been said. In reference to what was it said?

"Intention, I tell you, is kamma. Intending, one does kamma by way of body, speech, & intellect.

"And what is the cause by which kamma comes into play? Contact is the cause by which kamma comes into play.

"And what is the diversity in kamma? There is kamma to be experienced in hell, kamma to be experienced in the realm of common animals, kamma to be experienced in the realm of the hungry shades, kamma to be experienced in the human world, kamma to be experienced in the world of the devas. This is called the diversity in kamma.

"And what is the result of kamma? The result of kamma is of three sorts, I tell you: that which arises right here & now, that which arises later [in this lifetime], and that which arises following that. This is called the result of kamma.

"And what is the cessation of kamma? From the cessation of contact is the cessation of kamma; and just this noble eightfold path – right view, right resolve, right speech, right action, right livelihood, right effort, right mindfulness, right concentration – is the path of practice leading to the cessation of kamma.

"Now when a disciple of the noble ones discerns kamma in this way, the cause by which kamma comes into play in this way, the diversity of kamma in this way, the result of kamma in this way, the cessation of kamma in this way, & the path of practice leading to the cessation of kamma in this way, then he discerns this penetrative holy life as the cessation of kamma.

"'Kamma should be known. The cause by which kamma comes into play... The diversity in kamma... The result of kamma... The cessation of kamma... The path of practice for the cessation of kamma should be known.' Thus it has been said, and in reference to this was it said."

– AN 6.63

Reflecting on one's actions (The Buddha teaches his young son)

[The Buddha:] "What do you think, Rahula: What is a mirror for?"

[Rahula:] "For reflection, sir."

[The Buddha:] "In the same way, Rahula, bodily acts, verbal acts, and mental acts are to be done with repeated reflection.

"Whenever you want to perform a bodily act, you should reflect on it: 'This bodily act I want to perform – would it lead to self-affliction, to the affliction of others, or to both? Is it an unskillful bodily act, with painful consequences, painful results?' If, on reflection, you know that it would lead to self-affliction, to the affliction of others, or to both; it would be an unskillful bodily act with painful consequences, painful results, then any bodily act of that sort is absolutely unfit for you to do. But if on reflection you know that it would not cause affliction... it would be a skillful bodily action with happy consequences, happy results, then any bodily act of that sort is fit for you to do.

"While you are performing a bodily act, you should reflect on it: 'This bodily act I am doing – is it leading to self-affliction, to the affliction of others, or to both? Is it an unskillful bodily act, with painful consequences, painful results?' If, on reflection, you know that it is leading to self-affliction, to affliction of others, or both... you should give it up. But if on reflection you know that it is not... you may continue with it.

"Having performed a bodily act, you should reflect on it... If, on reflection, you know that it led to self-affliction, to the affliction of others, or to both; it was an unskillful bodily act with painful consequences, painful results, then you should confess it, reveal it, lay it open to the Teacher or to a knowledgeable companion in the holy life. Having confessed it... you should exercise restraint in the future. But if on reflection you know that it did not lead to affliction... it was a skillful bodily action with happy consequences, happy results, then you should stay mentally refreshed and joyful, training day and night in skillful mental qualities.

...[similarly for verbal and mental acts]...

"Rahula, all the brahmins and contemplatives in the course of the past who purified their bodily acts, verbal acts, and mental acts, did it through repeated reflection on their bodily acts, verbal acts, and mental acts in just this way.

"All the brahmins and contemplatives in the course of the future... All the brahmins and contemplatives at present who purify their bodily acts, verbal acts, and mental acts, do it through repeated reflection on their bodily acts, verbal acts, and mental acts in just this way.

"Therefore, Rahula, you should train yourself: 'I will purify my bodily acts through repeated reflection. I will purify my verbal acts through repeated reflection. I will purify my mental acts through repeated reflection.' Thus you should train yourself."

– MN 61

Five pleasant things to be gained by acting skillfully

"These five things are welcome, agreeable, pleasant, and hard to obtain in the world. Which five? Long life... beauty... pleasure... status... rebirth in heaven... Now, I tell you, these five things are not to be obtained by reason of prayers or wishes. If they were to be obtained by reason of prayers or wishes, who here would lack them? It's not fitting for the disciple of the noble ones who desires long life to pray for it or to delight in doing so. Instead, the disciple of the noble ones who desires long life should follow the path of practice leading to long life. In so doing, he will attain long life, either human or divine...(Similarly with beauty, pleasure, status, and rebirth in heaven)..."

– AN 5.43

The most noble kamma of all: the ending of kamma

"Monks, these four types of kamma have been directly realized, verified, & made known by me. Which four? There is kamma that is dark with dark result. There is kamma that is bright with bright result. There is kamma that is dark & bright with dark & bright result. There is kamma that is neither dark nor bright with neither dark nor bright result, leading to the ending of kamma.

"And what is kamma that is dark with dark result? There is the case where a certain person fabricates an injurious bodily fabrication, fabricates an injurious verbal fabrication, fabricates an injurious mental fabrication. Having fabricated an injurious bodily fabrication, having fabricated an injurious verbal fabrication, having fabricated an injurious mental fabrication, he rearises in an injurious world. On rearing in an injurious world, he is there

touched by injurious contacts. Touched by injurious contacts, he experiences feelings that are exclusively painful, like those of the beings in hell. This is called kamma that is dark with dark result.

"And what is kamma that is bright with bright result? There is the case where a certain person fabricates a non-injurious bodily fabrication... a non-injurious verbal fabrication... a non-injurious mental fabrication... He rearises in a non-injurious world... There he is touched by non-injurious contacts... He experiences feelings that are exclusively pleasant, like those of the Ever-radiant Devas. This is called kamma that is bright with bright result.

"And what is kamma that is dark & bright with dark & bright result? There is the case where a certain person fabricates a bodily fabrication that is injurious & non-injurious... a verbal fabrication that is injurious & non-injurious... a mental fabrication that is injurious & non-injurious... He rearises in an injurious & non-injurious world... There he is touched by injurious & non-injurious contacts... He experiences injurious & non-injurious feelings, pleasure mingled with pain, like those of human beings, some devas, and some beings in the lower realms. This is called kamma that is dark & bright with dark & bright result.

"And what is kamma that is neither dark nor bright with neither dark nor bright result, leading to the ending of kamma? right view, right resolve, right speech, right action, right livelihood, right effort, right mindfulness, right concentration. This is called kamma that is neither dark nor bright with neither dark nor bright result, leading to the ending of kamma."

– AN 4.235

See also:

"Kamma and the Ending of Kamma" in The Wings to Awakening

"Karma," by Thanissaro Bhikkhu

"Kamma" (Study Guide)

Right Action (samma-kammanto)

The Thirty-one Planes of Existence

"Kamma" in the General Index

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In Buddhist cosmology, the heaven realms are blissful abodes whose present

inhabitants (the devas) gained rebirth there through the power of their past meritorious actions. Like all beings still caught in samsara, however, these deities eventually succumb to aging, illness, and death, and must eventually take rebirth in other realms – pleasant or otherwise – according to the quality and strength of their past kamma. The devas are not always especially knowledgeable or spiritually mature – in fact many are quite intoxicated by their sensual indulgences – and none are considered worthy of veneration or worship. Nevertheless, the devas and their happy realms stand as important reminders to us both of the happy benefits that ensue from the performance of skillful and meritorious deeds and, finally, of the ultimate shortcomings of sensuality.

A rare rebirth

Blinded this world –  
how few here see clearly!  
Just as birds who've escaped  
    from a net are  
    few, few  
    are the people  
who make it to heaven.

– Dhp 174

Seeing for oneself

"I have seen beings who – endowed with bodily good conduct, verbal good conduct, & mental good conduct; who did not revile Noble Ones, who held right views and undertook actions under the influence of right views – at the break-up of the body, after death, have re-appeared in the good destination, the heavenly world. It is not from having heard this from other brahmins & contemplatives that I tell you that I have seen beings who – endowed with bodily good conduct, verbal good conduct, & mental good conduct; who did not revile noble ones, who held right views and undertook actions under the influence of right views – at the break-up of the body, after death, have re-appeared in the good destination, the heavenly world. It is from having known it myself, seen it myself, realized it myself that I tell you that I have seen beings who – endowed with bodily good conduct, verbal good conduct, & mental good conduct; who did not revile noble ones, who held right views and undertook actions under the influence of right views – at the break-up of the body, after death, have re-appeared in the good destination, the heavenly world."

– Iti 71

Recollecting the devas

"Furthermore, you should recollect the devas: 'There are the devas of the Four Great Kings, the devas of the Thirty-three, the devas of the Hours, the Contented Devas, the devas who delight in creation, the devas who have power over the creations of others, the devas of Brahma's retinue, the devas beyond them. Whatever conviction they were endowed with that – when falling away from this life – they re-arose there, the same sort of conviction is present in me as well. Whatever virtue they were endowed with that – when falling away from this life – they re-arose there, the same sort of virtue is present in me as well. Whatever learning they were endowed with that – when falling away from this life – they re-arose there, the same sort of learning is present in me as well. Whatever generosity they were endowed with that – when falling away from this life – they re-arose there, the same sort of generosity is present in me as well. Whatever discernment they were endowed with that – when falling away from this life – they re-arose there, the same sort of discernment is present in me as well.' At any time when a disciple of the noble ones is recollecting the conviction, virtue, learning, generosity, and discernment found both in himself and the devas, his mind is not overcome with passion, not overcome with aversion, not overcome with delusion. His mind heads straight, based on the [qualities of the] devas. And when the mind is headed straight, the disciple of

the noble ones gains a sense of the goal, gains a sense of the Dhamma, gains joy connected with the Dhamma. In one who is joyful, rapture arises. In one who is rapturous, the body grows calm. One whose body is calmed experiences ease. In one at ease, the mind becomes concentrated."

— AN 11.12

Happy, but of limited wisdom

"Once, Kevatta, this train of thought arose in the awareness of a certain monk in this very community of monks: 'Where do these four great elements – the earth property, the liquid property, the fire property, and the wind property – cease without remainder?' Then he attained to such a state of concentration that the way leading to the gods appeared in his centered mind. So he approached the gods of the retinue of the Four Great Kings and, on arrival, asked them, 'Friends, where do these four great elements – the earth property, the liquid property, the fire property, and the wind property – cease without remainder?'

"When this was said, the gods of the retinue of the Four Great Kings said to the monk, 'We also don't know where the four great elements... cease without remainder. But there are the Four Great Kings who are higher and more sublime than us. They should know where the four great elements... cease without remainder.'

"So the monk approached the Four Great Kings and, on arrival, asked them, 'Friends, where do these four great elements... cease without remainder?'

"When this was said, the Four Great Kings said to the monk, 'We also don't know where the four great elements... cease without remainder. But there are the gods of the Thirty-three who are higher and more sublime than us. They should know...'

"So the monk approached the gods of the Thirty-three... Sakka... the Yama gods... Santusita... the Nimmanarati gods... Sunimmita... the Paranimmitavasavatti gods... Paranimmita Vasavatti... the gods of the retinue of Brahma...

"Then the monk attained to such a state of concentration that the way leading to the gods of the retinue of Brahma appeared in his centered mind. So he approached the gods of the retinue of Brahma and, on arrival, asked them, 'Friends, where do these four great elements – the earth property, the liquid property, the fire property, and the wind property – cease without remainder?'

"When this was said, the gods of the retinue of Brahma said to the monk, 'We also don't know where the four great elements... cease without remainder. But there is Brahma, the Great Brahma, the Conqueror, the Unconquered, the All-Seeing, All-Powerful, the Sovereign Lord, the Maker, Creator, Chief, Appointer and Ruler, Father of All That Have Been and Shall Be. He is higher and more sublime than we. He should know...'

"'But where, friends, is the Great Brahma now?'

"'Monk, we also don't know where Brahma is or in what way Brahma is. But when signs appear, light shines forth, and a radiance appears, Brahma will appear. For these are the portents of Brahma's appearance: light shines forth and a radiance appears.'

"Then it was not long before Brahma appeared.

"So the monk approached the Great Brahma and, on arrival, said, 'Friend, where do these four great elements – the earth property, the liquid property, the fire property, and the wind property – cease without remainder?'

"When this was said, the Great Brahma said to the monk, 'I, monk, am Brahma, the Great Brahma, the Conqueror, the Unconquered, the All-Seeing, All-Powerful, the

Sovereign Lord, the Maker, Creator, Chief, Appointer and Ruler, Father of All That Have Been and Shall Be.'

"A second time, the monk said to the Great Brahma, 'Friend, I didn't ask you if you were Brahma, the Great Brahma, the Conqueror, the Unconquered, the All-Seeing, All-Powerful, the Sovereign Lord, the Maker, Creator, Chief, Appointer and Ruler, Father of All That Have Been and Shall Be. I asked you where these four great elements – the earth property, the liquid property, the fire property, and the wind property – cease without remainder.'

"A second time, the Great Brahma said to the monk, 'I, monk, am Brahma, the Great Brahma, the Conqueror, the Unconquered, the All-Seeing, All-Powerful, the Sovereign Lord, the Maker, Creator, Chief, Appointer and Ruler, Father of All That Have Been and Shall Be.'

"A third time...

"Then the Great Brahma, taking the monk by the arm and leading him off to one side, said to him, 'These gods of the retinue of Brahma believe, "There is nothing that the Great Brahma does not know. There is nothing that the Great Brahma does not see. There is nothing of which the Great Brahma is unaware. There is nothing that the Great Brahma has not realized." That is why I did not say in their presence that I, too, don't know where the four great elements... cease without remainder. So you have acted wrongly, acted incorrectly, in bypassing the Blessed One in search of an answer to this question elsewhere. Go right back to the Blessed One and, on arrival, ask him this question. However he answers it, you should take it to heart.'

"Then – just as a strong man might extend his flexed arm or flex his extended arm – the monk disappeared from the Brahma world and immediately appeared in front of me. Having bowed down to me, he sat to one side. As he was sitting there he said to me, 'Venerable sir, where do these four great elements – the earth property, the liquid property, the fire property, and the wind property – cease without remainder?'

"When this was said, I said to him, 'Once, monk, some sea-faring merchants took a shore-sighting bird and set sail in their ship. When they could not see the shore, they released the shore-sighting bird. It flew to the east, south, west, north, straight up, and to all the intermediate points of the compass. If it saw the shore in any direction, it flew there. If it did not see the shore in any direction, it returned right back to the ship. In the same way, monk, having gone as far as the Brahma world in search of an answer to your question, you have come right back to my presence.'"

– DN 11

See also:

Teacher of the Devas (Susan Elbaum Jootla)

The Thirty-one Planes of Existence

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Path to Freedom Dhamma 4 Noble Truths 1st Noble Truth

The Round of Rebirth

samsara

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An ocean of tears

"Which is greater, the tears you have shed while transmigrating & wandering this long, long time – crying & weeping from being joined with what is displeasing, being separated from what is pleasing – or the water in the four great oceans?... This is the greater: the tears you have shed...

"Long have you (repeatedly) experienced the death of a mother. The tears you have shed over the death of a mother while transmigrating & wandering this long, long time – crying & weeping from being joined with what is displeasing, being separated from what is pleasing – are greater than the water in the four great oceans.

"Long have you (repeatedly) experienced the death of a father... the death of a brother... the death of a sister... the death of a son... the death of a daughter... loss with regard to relatives... loss with regard to wealth... loss with regard to disease. The tears you have shed over loss with regard to disease while transmigrating & wandering this long, long time – crying & weeping from being joined with what is displeasing, being separated from what is pleasing – are greater than the water in the four great oceans.

"Why is that? From an inconstruable beginning comes transmigration. A beginning point is not evident, though beings hindered by ignorance and fettered by craving are transmigrating & wandering on. Long have you thus experienced stress, experienced pain, experienced loss, swelling the cemeteries – enough to become disenchanted with all fabricated things, enough to become dispassionate, enough to be released."

– SN 15.3

This precious human birth

"Monks, suppose that this great earth were totally covered with water, and a man were to toss a yoke with a single hole there. A wind from the east would push it west, a wind from the west would push it east. A wind from the north would push it south, a wind from the south would push it north. And suppose a blind sea-turtle were there. It would come to the surface once every one hundred years. Now what do you think: would that blind sea-turtle, coming to the surface once every one hundred years, stick his neck into the yoke with a single hole?"

"It would be a sheer coincidence, lord, that the blind sea-turtle, coming to the surface once every one hundred years, would stick his neck into the yoke with a single hole."

"It's likewise a sheer coincidence that one obtains the human state. It's likewise a sheer coincidence that a Tathagata, worthy & rightly self-awakened, arises in the world. It's likewise a sheer coincidence that a doctrine & discipline expounded by a Tathagata appears in the world. Now, this human state has been obtained. A Tathagata, worthy & rightly self-awakened, has arisen in the world. A doctrine & discipline expounded by a Tathagata appears in the world.

"Therefore your duty is the contemplation: 'This is stress...This is the origination of stress...This is the cessation of stress...This is the path of practice leading to the cessation of stress.'"



– SN 56.48

Why do we wander in samsara?

"It's because of not understanding and not penetrating four things that we have wandered & transmigrated on such a long, long time, you & I. Which four?

"It's because of not understanding and not penetrating noble virtue that we have wandered & transmigrated on such a long, long time, you & I.

"It's because of not understanding and not penetrating noble concentration that we have wandered & transmigrated on such a long, long time, you & I.

"It's because of not understanding and not penetrating noble discernment that we have wandered & transmigrated on such a long, long time, you & I.

"It's because of not understanding and not penetrating noble release that we have wandered & transmigrated on such a long, long time, you & I.

"But when noble virtue is understood & penetrated, when noble concentration... noble discernment... noble release is understood & penetrated, then craving for becoming is destroyed, the guide to becoming (craving & attachment) is ended, there is now no further becoming."

– AN 4.1

See also:

Heaven (sagga)

Intentional action (kamma)

The Four Noble Truths

The Thirty-one Planes of Existence

"Samsara," by Thanissaro Bhikkhu.

"Samsara Divided by Zero," by Thanissaro Bhikkhu.

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4y ago

Flimsy-Union1524

31 Planes of Existence

r/Buddhism - 31 Planes of Existence

327

.

118

Comments Section

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•

4y ago

Independent-Dealer21

•

4y ago

Excellent ty!

5

kingwooj

•

4y ago

Western Buddhists: Really it's more of a philosophy than a religion

Sakyamuni: Hold my alms bowl

75

ExtroHermit

•

4y ago

Hahahaahhaahahahahah

7

42 more replies

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•

4y ago

BrookeFreske

•

4y ago

What does it mean when it says "Human rebirth is brief and very rare?"

Are more incarnations usually spent in either higher or lower planes? Is it more common to "skip" human incarnations? Complete Buddhist Cosmology newbie here

2

u/Flimsy-Union1524 avatar

Flimsy-Union1524

OP

•

4y ago

Good question..

I think suttas like this can explain...

Saṃyutta Nikāya

Connected Discourses on the Truths

56.47. Yoke with a Hole (1)

<https://suttacentral.net/sn56.47/en/bodhi>

4

3 more replies  
Actual-Web-4069

•

4y ago

I have a question! So do all the buddhas reside in the formless realm? or are beings in the formless realm part of samsara? In the formless realm, they do not have a physical form so they cannot practice or listen to the Dhamma.

5

u/Flimsy-Union1524 avatar

Flimsy-Union1524

OP

•

4y ago

I think the Buddhas Transcend all existence...

the formless realm is still part of samsara...

I think it's harder to practice the Dhamma because it's way beyond happiness and suffering...

the human realm is more important to practice the Dhamma because it has happiness and suffering...

i think... correct me if i'm wrong

8

u/Flimsy-Union1524 avatar

Flimsy-Union1524

OP

•

4y ago

Having directly known water ... fire ... air ... creatures ... gods ... the Creator ... Brahmā ... the gods of streaming radiance ... the gods replete with glory ... the gods of abundant fruit ... the Overlord ... Having directly known all as all, and having directly known that which does not fall within the scope of experience based on all, I did not identify with all, I did not identify regarding all, I did not identify as all, I did not identify 'all is mine', I did not enjoy all. So Brahmā, I am not your equal in knowledge, still less your inferior. Rather, I know more than you.'

'Well, good sir, if you have directly known that which is not within the scope of experience based on all, may your words not turn out to be void and hollow!

Consciousness that is invisible, infinite, entirely given up—that's what is not within the scope of experience based on earth, water, fire, air, creatures, gods, the Creator, Brahmā, the gods of streaming radiance, the gods replete with glory, the gods of abundant fruit, the Overlord, and the all.

<https://suttacentral.net/mn49/en/sujato?layout=plain&reference=none&notes=asterisk&highlight=false&script=latin>

3

u/Flimsy-Union1524 avatar

Flimsy-Union1524

OP

•

4y ago

Buddhist cosmology

[https://en.wikipedia.org/wiki/Buddhist\\_cosmology](https://en.wikipedia.org/wiki/Buddhist_cosmology)

## The Thirty-one Planes of Existence

<https://www.accesstoinight.org/ptf/dhamma/sagga/loka.html>

28

u/WikiSummarizerBot avatar  
WikiSummarizerBot

•

4y ago

Buddhist cosmology

Buddhist cosmology is the description of the shape and evolution of the Universe according to the Buddhist scriptures and commentaries. It consists of temporal and spatial cosmology: the temporal cosmology being the division of the existence of a 'world' into four discrete moments (the creation, duration, dissolution, and state of being dissolved; this does not seem to be a canonical division, however). The spatial cosmology consists of a vertical cosmology, the various planes of beings, their bodies, characteristics, food, lifespan, beauty and a horizontal cosmology, the distribution of these world-systems into an "apparently" infinite sheet of "worlds".

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12

[deleted]

•

4y ago

Buddhist cosmology is fascinating to me. I have a question. Where are these planes?

Are the planes literal places or are they more like mind-states?

19

u/eliminate1337 avatar  
eliminate1337

•

4y ago

They are not 'literal places' in the sense that you cannot board a spaceship and travel to Tusita heaven. But after death your next experience of one of the realms will be just as real as your current experience in the human realm. They are not merely metaphorical states experienced as a human.

34

4 more replies

u/Flimsy-Union1524 avatar  
Flimsy-Union1524

OP

•

4y ago

Mae Chee Kaew - Her Journey to Spiritual Awakening and Enlightenment

All realms of consciousness, and all living beings originate from the mind. Because of that, it's far better that you focus exclusively on your own mind. There you will find the whole universe.

Ghosts of the Mountain

It's important to understand that these realms exist as dimensions of consciousness and not as physical planes. By characterizing the celestial realms as being progressively "higher" and more refined levels of existence, and the

ghostly realms as being correspondingly "lower", the purely spiritual nature of consciousness is erroneously given a material standard. The terms "going up" and "going down" are conventional figures of speech, referring to the movement of physical bodies. These terms have very little in common with the flow of consciousness, whose subtle motion is beyond temporal comparisons. Physically moving up and down requires a deliberate exertion of effort. But when the mind gravitates to higher or lower realms of consciousness, direction is merely a metaphor and involves no effort.

When saying that the heavens and the brahma worlds are arranged vertically in a series of realms, this should not be understood in the literal sense – such as, a house with many stories. These realms exist as dimensions of consciousness, and ascent is accomplished spiritually, by attuning the mind's conscious flow to a subtler vibration of consciousness. They are ascended in the figurative sense, by a spiritual means: that is, by the heart which has developed this sort of capability through the practices of generosity, moral virtue and meditation. By saying that hell is "down below", one does not mean going down, physically, into an abyss. Rather, it refers to descent by spiritual means to a spiritual destination. And those who are able to observe the heavens and the realms of hell do so by virtue of their own internal spiritual faculties.

For those skilled in the mysteries of the samādhi, psychic communication is as normal as any other aspect of human experience. Arising from the flow of consciousness, the essential message is transmitted in the language of the heart as fully-formed ideas, which the inquiring individual understands as clearly as if they were words in conventional language. Each thought current emanates directly from the heart, and so conveys the mind's true feelings, and precise meaning, eliminating the need for further clarification. Verbal conversation is also a medium of the heart; but its nature is such that spoken words often fail to reflect the heart's true feelings, so mistakes are easily made in communicating its precise intent. This incongruity is eliminated by using direct heart-to-heart communication.

[http://www.forestdhamma.org/ebooks/english/pdf/Mae\\_Chee\\_Kaew.pdf](http://www.forestdhamma.org/ebooks/english/pdf/Mae_Chee_Kaew.pdf)

29

29 more replies  
u/En\_lighten avatar  
En\_lighten

•

4y ago

The various realms are experiential states that are considered to be real. That includes the human realm.

"Location" I think is a bit of a difficult thing, similar to how you might ask where a dream resides. FWIW.

3

2 more replies

1 more reply  
sedthh

•

4y ago

Can someone please explain to me how these realms are formed? I have heard that these planes are created once there is a consciousness to inhabit them, yet when a plane gets destroyed after multiple eons, these beings need to move to another plane. How does this work? It feels contradictory. Thank you.

2

u/Flimsy-Union1524 avatar

Flimsy-Union1524

OP

•

4y ago

"There comes a time, bhikkhus, when after the lapse of a long period this world contracts (disintegrates). While the world is contracting, beings for the most part are reborn in the Ābhassara Brahma-world. There they dwell, mind-made, feeding on rapture, self-luminous, moving through the air, abiding in glory. And they continue thus for a long, long period of time.

"But sooner or later, bhikkhus, after the lapse of a long period, there comes a time when this world begins to expand once again. While the world is expanding, an empty palace of Brahmā appears. Then a certain being, due to the exhaustion of his life-span or the exhaustion of his merit, passes away from the Ābhassara plane and re-arises in the empty palace of Brahmā. There he dwells, mind made, feeding on rapture, self-luminous, moving through the air, abiding in glory. And he continues thus for a long, long period of time.

"Then, as a result of dwelling there all alone for so long a time, there arises in him dissatisfaction and agitation, (and he yearns): 'Oh, that other beings might come to this place!' Just at that moment, due to the exhaustion of their life-span or the exhaustion of their merit, certain other beings pass away from the Ābhassara plane and re-arise in the palace of Brahmā, in companionship with him. There they dwell, mind-made, feeding on rapture, self-luminous, moving through the air, abiding in glory. And they continue thus for a long, long period of time.

<https://suttacentral.net/dn1/en/bodhi>

6

sedthh

•

4y ago

Thank you! And kudos for linking suttacentral!

4

ManletMasterRace

•

4y ago

How did he come into this knowledge? Amazing.

2

1 more reply

[deleted]

•

4y ago

Sufficient-Aspect77

•

4y ago

I'd love to know how low I am on this list. Some days I feel at bottom other days closer to the top. Any advice?

2

1 more reply

gyorgyspaghetti

•

4y ago

What's the difference between Radiance and Glory?

2

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Were You Conscious Of The Overkill?

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2

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3

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What's going on in the bottom right?

r/Buddhism - What's going on in the bottom right?

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Visited the Buddhist remains at Takht-i-Bahi again – one of my favorite places in Pakistan

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Meet the Buddhist Nun who teach Dharma through cooking - Venerable Jeong Kwan of Baegyangsa Temple

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9

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Hey , agnostic here. What do you think about my art ? I'd secretly like to bring him to life and him teaching me meditation.

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The Ten Vows of Queen Śrīmālā:

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Who is this? Avalokiteshvara on a peacock?

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Who is this? Avalokiteshvara on a peacock?

r/Buddhism - Who is this? Avalokiteshvara on a peacock?

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If there is no self, then who/what is getting attached?

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If there is no self, then who/what is getting attached?

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1y ago

Every-Classic1549

A map of consciousness and reality

The western world and culture we live in has a very materialist and reductionist view of the universe and consciousness. It presupposes that the Big Bang and all the laws of physics simply arose out of nothingness, like Magic. To explain such magic, fancy names like quantum fluctuation may be given, but that doesn't explain anything.

In eastern world and society, consciousness has been explored in a different manner, from within itself through practices of introspection like meditation. In this manner the knowledge developed by them throughout time has been very different than that of the western science. Our science looks for tools and technology to measure and detect reality, and thus is greatly limited by it. We currently have no way of "detecting" mind and knowing what it is.

But in the eastern world through inner self-exploration a much greater knowledge of consciousness has been gained. The tools to detect reality are men consciousness itself. So here is the meta physical map they have developed, which for me makes a lot more logical sense as well intuitive, for how reality and consciousness works, according to esoteric systems, vedanta and teosophy

#### 1. Physical Dimension

Nature: The most tangible and dense level of existence, encompassing matter, energy, and space-time.

Characteristics: Governed by the laws of physics, it is perceived through the five senses. This is where physical forms and interactions occur.

Function: Provides the foundation for experience, enabling consciousness to engage directly with material reality.

#### 2. Etheric Dimension

Nature: A subtle energy field that supports and sustains the physical body. Often referred to as the "vital body" or "energy body."

Characteristics: Composed of life energy (prana, chi, or qi), it influences vitality, growth, and the connection between the physical and non-physical aspects of existence.

Function: Acts as a blueprint for the physical body, transmitting energy from more subtle realms into the physical plane. Many forms of energy work focus on this level.

#### 3. Astral Dimension

Nature: The realm of emotions, desires, and dream-like experiences. It is fluid, ever-changing, and tied to the subconscious.

Characteristics: Includes lower aspects (linked to fear, attachment, or base emotions) and higher aspects (associated with harmony, creativity, and aspiration).

Function: Serves as a bridge between the physical and mental realms. This dimension is often experienced in dreams, out-of-body states, and altered states of awareness.

#### 4. Mental Dimension

Nature: The realm of thought, intellect, and ideas. It has two main aspects:

Lower Mental Plane: Concerned with logical, analytical, and concrete thinking.

Higher Mental Plane: Associated with abstract thought, intuition, and universal principles.

Characteristics: Thought and beliefs are formed here, shaping perceptions of reality.

Function: Facilitates reasoning, problem-solving, and understanding. The higher aspect aligns thoughts with broader, more universal truths.

#### 5. Causal Dimension

Nature: The level of deeper causes and archetypes, where individual identity transcends personality.

Characteristics: Stores impressions, lessons, and the purpose of existence across lifetimes.

Function: Governs the underlying causes of events and experiences. This dimension provides a framework for understanding growth and development over time.

#### 6. Pure Consciousness

Nature: A state of formless awareness, beyond duality or identification with any specific aspect of existence.

Characteristics: Often described as a state of being-consciousness-bliss. Here, individuality dissolves, revealing a unified experience of existence.

Function: Represents the stage where awareness transcends all limitations, allowing for the perception of unity and interconnectedness.

#### 7. Unmanifest Source

Nature: The ultimate, formless origin of all dimensions and existence. It is the infinite potential from which everything arises.

Characteristics: Beyond time, space, and causality, it is described as infinite and eternal.

Function: Acts as the source of all creation, where all forms originate and eventually return.

#### Interconnection of Dimensions

Each dimension is interconnected and influences the others. Consciousness is understood to move through these layers, from the densest physical reality to the most subtle and unmanifest source. Practices aim to align these dimensions, leading to a realization of their interconnectedness and unity.

This perspective emphasizes direct exploration of consciousness as a valid and insightful way to understand reality, complementing empirical and scientific approaches.

4

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134

Comments Section

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MOD

•

1y ago

u/Elodaine avatar

Elodaine

•

1y ago

- ✓ I.) Denounce science as "magical" because you don't understand it.
- ✓ II.) Propose Eastern philosophy holds all the answers with a given explanation.
- ✓ III.) Given explanation is just a soup of buzzwords and made up explanations that read like a sci-fi novel.

An r/consciousness classic.

11

CrayonFlavors

•

1y ago

Yeah but did you not even stop to consider that Mercury is retrograde???? This explanation from OP must be true otherwise how could Mercury be in retrograde??????

5

Every-Classic1549

OP

•

1y ago

Go ahead and explain to us how your "quantum fluctuations" are not just mental gymnastics that at the end of the day, translate to Magic

1

u/Elodaine avatar

Elodaine

•

1y ago

Because they are based on actual math, experimental data, and extrapolation from evidence. Please remove the "scientist" from your flair, since you don't appear to know what science even is.

2

10 more replies

u/bortlip avatar

bortlip

•

1y ago

This so-called "map of consciousness and reality" is a dizzying cocktail of ungrounded speculation, vague metaphysical musings, and pseudo-intellectual posturing. Its lofty language and grand claims about consciousness and reality fail to mask the absence of any real explanatory power or empirical foundation. Let's dismantle this nonsense step by step.

#### 1. Materialism and "Western Reductionism"

The critique of Western science as "reductionist" and "materialist" is a tired strawman that ignores centuries of philosophical inquiry and scientific achievement. Western thought has delved deeply into consciousness, from Descartes' cogito to the nuanced phenomenology of Husserl and Merleau-Ponty. To dismiss these contributions as mere reductionism reveals either ignorance or intellectual laziness. Meanwhile, phrases like "arose out of nothingness, like Magic" betray a fundamental misunderstanding of concepts like quantum fluctuations, which are based on rigorous mathematical frameworks, not fairy tales.

#### 2. Unverified Dimensions and Buzzwords

This "map" is a parade of vaguely defined dimensions—physical, etheric, astral, mental, causal, and so on—tied together by nothing more than hand-waving and

esoteric jargon. What exactly is the "etheric dimension"? How is it measured? What evidence exists for its interaction with the physical? None is provided, of course, because the author relies entirely on subjective claims and untestable assertions.

Terms like "prana," "chi," and "qi" are tossed around as if their mere invocation is enough to justify their existence. These ideas may be meaningful within specific cultural and spiritual traditions, but presenting them as universal truths without empirical evidence is intellectually dishonest.

### 3. Eastern Superiority Fallacy

The author's exaltation of "Eastern" thought as superior to "Western" science is a gross oversimplification. It erases the diversity and rigor within both traditions, reducing Eastern philosophy to a mystical monolith while caricaturing Western science as soulless and myopic. This dichotomy is not only false but insulting to the countless thinkers and practitioners who have bridged these traditions.

Moreover, if introspection is the "tool" for exploring consciousness, how do we verify its findings? Introspection is inherently subjective, prone to bias, and incapable of producing replicable, universal insights. Without a mechanism for external validation, this approach collapses into solipsism.

7  
u/bortlip avatar  
bortlip  
•

1y ago

### 4. Circular and Empty Assertions

The descriptions of the dimensions are riddled with tautologies and circular reasoning. For example:

The "etheric dimension" is said to "transmit energy from more subtle realms into the physical plane." What are these subtle realms? How do they interact with the physical plane? No answers are given.

The "causal dimension" allegedly "governs the underlying causes of events and experiences." This is a meaningless statement that simply redefines causality without adding any explanatory depth.

The grand finale—"Pure Consciousness" and "Unmanifest Source"—descends into utter abstraction, with phrases like "beyond duality" and "infinite potential" that convey no actionable or testable ideas. These are not explanations; they are poetic fluff masquerading as profundity.

### 5. A Pseudo-Logical Veneer

The argument claims to be "logical" and "intuitive," but this is a sleight of hand. Logic requires clear definitions, coherent reasoning, and evidence-based conclusions—none of which are present here. Intuition, while valuable, varies wildly between individuals and cannot serve as a reliable guide to universal truths.

### 6. Practical Uselessness

What can we do with this "map"? How does it improve our understanding of reality, solve problems, or advance human knowledge? The answer is: it doesn't. It's a mental labyrinth that serves only to obfuscate, offering nothing concrete or actionable.

### Final Verdict

This "map" is an exercise in intellectual indulgence—a jumble of mystical buzzwords strung together to give the illusion of insight. It offers neither the rigor of science nor the disciplined inquiry of serious philosophy. Instead, it panders to those who crave cosmic-sounding answers without the hard work of

critical thinking or empirical validation. In short, it's all sizzle and no steak—a metaphysical mirage in the desert of reason.

7

Every-Classic1549

OP

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1y ago

To refute the arguments presented in your critique, it is necessary to clarify and contextualize the esoteric map of consciousness and reality. The response will address the accusations of vagueness, lack of empirical evidence, and supposed lack of practical utility, while also demonstrating that this map represents a complementary approach to understanding existence rather than an opposition to scientific or philosophical rigor.

#### 1. Materialism and "Western Reductionism"

The critique of materialism and reductionism does not dismiss the achievements of Western science or philosophy but highlights its limitations. While quantum fluctuations and mathematical models provide a framework for understanding physical phenomena, they do not address fundamental questions about why consciousness exists or how subjective experience arises. The map of consciousness does not compete with the empirical findings of science but instead offers an alternative perspective for exploring aspects of existence that science struggles to measure or explain.

Western philosophy, while profound, often focuses on abstract reasoning. Esoteric traditions prioritize direct experience and introspection, which complement analytical approaches. The dismissal of introspective methods as "fairy tales" ignores the validity of subjective exploration, which has provided insights into the nature of the mind and consciousness for centuries.

#### 2. Unverified Dimensions and Buzzwords

The existence of "etheric," "astral," and other dimensions is not meant to replace empirical evidence but to offer a framework for understanding subjective experiences that transcend the physical senses. Terms like "prana" or "chi" describe phenomena experienced and validated within specific practices, such as meditation, energy work, and healing arts. These experiences are reproducible within their own context, even if they fall outside the scope of conventional scientific instruments.

Science itself often begins with concepts and phenomena that are not directly observable. For example, the Higgs boson or gravitational waves were once theoretical constructs before technological advancements made their detection possible. Similarly, esoteric dimensions may one day be understood through tools yet to be developed.

#### 3. Eastern Superiority Fallacy

The map does not claim superiority but underscores the complementary nature of introspective methods and empirical investigation. Eastern traditions, such as Vedanta and Taoism, emphasize the exploration of inner realities, which offers insights into consciousness that Western approaches often overlook. This is not a critique of Western science but a recognition of its focus on external, observable phenomena.

Regarding introspection and verification: while subjective, practices like meditation produce consistent, replicable experiences across cultures and traditions. These are validated within their systems through shared techniques and outcomes, similar to how scientific hypotheses are tested within a specific framework.

#### 4. Circular and Empty Assertions

The map's descriptions are not circular but symbolic, serving as a language for exploring realities that are subtle and not easily quantifiable. For example:

The "etheric dimension" refers to an intermediary layer of existence that influences physical vitality and health. This is evident in practices like acupuncture, where energy flow (qi) is manipulated to achieve measurable effects on the physical body.

The "causal dimension" represents the deeper patterns underlying events, akin to the concept of archetypes in Jungian psychology. While not empirically measurable, these ideas offer frameworks for understanding human behavior and personal growth.

These concepts are not tautologies but models for exploring layers of reality that are meaningful within their context.

#### 5. A Pseudo-Logical Veneer

Logic operates within the parameters of its definitions and axioms. The esoteric map uses its own consistent framework, rooted in millennia of practice and observation within specific traditions. While this framework differs from scientific empiricism, it is no less rigorous within its scope. Intuition, in this context, is cultivated through disciplined practice, yielding insights that are remarkably consistent across individuals who follow the same methodologies.

#### 6. Practical Uselessness

The map is far from useless. It provides practical tools for:

Health: Practices like yoga, tai chi, and energy healing address imbalances in the "etheric" dimension, improving physical and mental well-being.

Self-Development: Understanding the "astral" and "mental" dimensions helps individuals navigate emotions, desires, and thought patterns, leading to greater emotional resilience and clarity.

Purpose: The "causal dimension" offers a framework for understanding life's challenges as opportunities for growth, providing meaning and direction.

These applications have tangible benefits, even if they are not framed in conventional scientific terms.

#### Final Refutation

The esoteric map is not meant to replace scientific inquiry or philosophical analysis but to complement them by exploring aspects of existence that lie beyond their current scope. Dismissing it as "pseudo-intellectual posturing" overlooks the practical value and profound insights it offers to those who engage with it seriously.

Rather than being "all sizzle and no steak," the map is a nuanced and multi-layered framework for understanding the complexities of consciousness and reality. It invites dialogue and integration with other modes of inquiry, rather than opposition, offering a richer and more holistic view of existence.

1

6 more replies

mucifous

•

1y ago

The

Map

Is

Not

The

Terrain



clearly\_outsane

•

9d ago

Some of these replies are so aggressive and strong. I'm sorry you had to deal with them OP. I get where they are coming from as you can spin certain things in certain ways, people do it all the time for conspiracy theories etc but I can tell you're genuinely trying and I have experienced myself there is such a thing as universe and energy and becoming more aware of reality to a point where you can manifest what you want. It's not magic, I think it's just not as explored yet

2

[deleted]

•

1y ago

u/Greedy\_Response\_439 avatar

Greedy\_Response\_439

•

1y ago

I am looking into consciousness too and the lack of intra-disciplinary cooperation between the different scientific branches is surprising. What I also realise is that everything classified as subjective does not count. Let me explain in simple terms. Love comes in many forms and depth but it can not be proven scientifically unless you think a blip on an MRI is proof. So with acupuncture, it is based on a completely different way of looking at a body holistically and it works but there is no empirical scientific evidence that this should work. The reductionism way has taught us much and we gained knowledge but it can only go so far. As we still know a fraction of what we experience and can measure in our reality and universe it would be and it is arrogant to pretend other way of determining "truth" is more valid than "others". Dismissing other concepts is flawed thinking in my opinion until there is absolute proof in whatever shape or form this is presented.

2

Illustrious-Yam-3777

•

1y ago

Thanks for this. It's important to keep hammering home, in every forum possible, the incompleteness of data driven knowledge acquisition and acknowledge that knowledge can be gained through a plurality of means, including the means that have been used since shamanism. The disagreements and ambiguous nature of the inner psychonaut body of knowledge is not indicative of falsehood, but rather represents the nature of the knowledge it seeks to encompass. What empirical methods give up for their precision is precisely what is gained through masterful introspection. Together, it would allow us to build a more unified, larger world of experience and moral coherence.

-3

[deleted]

•

1y ago

Every-Classic1549

OP

•

1y ago

Thanks bro, its good to see that there are a few who understand. I totally agree we should always go back to the foundations and question our current interpretations. Science for some reason has lead itself in a very unbalanced way - too materialistic - if we look at medicine, most scientists are more interested in making money than in actually understanding diseases and finding a cure. Just one example

1

sharkbomb

•

1y ago

this jibberish is akin to teligion, aka fiction.

2

Every-Classic1549

OP

•

1y ago

Oh feeble intellected one, open your eyes a little wider so you shall see more than the tip of your nose

0

nobeliefistrue

•

1y ago

I have traveled much of this territory and I find this description accurate, although I might use different words. For those that refute its accuracy, I found that most of them are in the locations of the lower mental plane or earlier in the journey.

-1

Every-Classic1549

OP

•

1y ago

Thanks for sharing. I find it very amusing how close minded many scientific oriented people are. Even one the most brilliant mind of the scientific world, Tesla, has said "The day science begins to study non-physical phenomena, it will make more progress in one decade than in all the previous centuries of its existence."

1

u/Hovercraft789 avatar

Hovercraft789

•

1y ago

It could have been a good idea to have a summary of ideas on consciousness, if one is made including all scientific and metaphysical speculations, picking from both eastern and western traditions.

1

u/Kitchen\_Database\_415 avatar

Kitchen\_Database\_415

•

1y ago

Try this. Physical reality is here and now. Your thought about something, is not the the thing described. It's an approximation, a summarization a simplification of all that you may have experienced or learned. The word tree, isn't a tree. The mind condenses and simplifies reality in order to deal with it. Physical reality is now. Everything else is simply thinking about, but not what reality is, now. It's a very good model of reality and works for us very well, to the point that we mistake our mind for reality rather than a description of reality, and an incomplete description at best. What kind of tree? dead tree or alive? The mind is a tool. Whatever else you may think about mindfulness, meditation, the here and now is physical reality and the only physical reality. The future hasn't happened, the past is gone. Outside of my room, is only conjecture. As for reincarnation, karma, and all that, it has nothing to do with the here and now. It's very difficult for most ( including myself ) to sit in this moment

without any idea of anything. What kind of nothingness will arise. Now I will be very non-scientific and non-intellectual and suggest that one tries to love this world, known and unknown, such as it is.

1

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Levels of Consciousness visualized on a 20-1000 scale

r/charts - Levels of Consciousness visualized on a 20-1000 scale

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[ALL] [OC] I have created the ultimate unified map of Hyrule!

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A question about consciousness continuity

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I think consciousness lives in more than just the brain, and I can explain why.

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3y ago

chriscambridge

The 7 Planes, Principles, and Levels of consciousness

The 7 Planes, Principles, and Levels of consciousness

"The universe, then, consists of seven degrees of density or seven planes of being, and everything in the universe is built on one or other of these planes."

- HP Blavatsky, The Secret Doctrine, Volume 1, Page 151

"Every atom is a life, though the life of the atom is different from that of man, and is conditioned by the plane on which it functions." - William Q Judge, Echoes of the Orient, Volume 1, Page 162

"The seven planes are the degrees of density, ranging from the most subtle to the most dense." - Robert Crosbie, The Friendly Philosopher, Page 54

"In order to be able to appreciate the significance of the Seven Planes and their corresponding characteristics, it is necessary to understand the true nature of the Ego." - HP Blavatsky, The Key to Theosophy, Page 92

"These seven principles, or planes of being, interpenetrate each other, and in each of them the others are potential." - William Q Judge, The Ocean of Theosophy, Page 28

"Man has to conquer these planes one by one, before he can reach the divine plane." - HP Blavatsky, The Secret Doctrine, Volume 1, Page 188

"The Seven Planes, with all their varying degrees of density and substance, form the basis for every type of manifestation in the universe." - Robert Crosbie, The Friendly Philosopher, Page 54

"Each plane of being is governed by different laws, and each has its own conditions of existence." - William Q Judge, Echoes of the Orient, Volume 1, Page 186

"Every plane has its own special fauna and flora." - HP Blavatsky, The Secret Doctrine, Volume 1, Page 145

"The astral plane, like all the other planes, has its own scenery, its own inhabitants, and its own laws." - Robert Crosbie, The Friendly Philosopher, Page 72

"The planes of being are interpenetrating and overlapping, and cannot be divided into separate compartments." - William Q Judge, The Ocean of Theosophy, Page 57

"The mind of man is said to function on four planes, the highest being the spiritual, the next the intuitive, then the mental, and lastly the physical." - HP Blavatsky, The Secret Doctrine, Volume 1, Page 171

"Each plane has its own peculiar atmosphere, its own light, and its own inhabitants." - William Q Judge, Echoes of the Orient, Volume 2, Page 152

"Each plane is a manifestation of consciousness, and each plane is relative to the consciousness which manifests upon it." - Robert Crosbie, The Friendly Philosopher, Page 55

"The physical plane is the lowest, and the spiritual plane is the highest." - HP Blavatsky, The Key to Theosophy, Page 111

"The planes of being are not separate in the sense that they are disconnected or isolated from each other." - William Q Judge, The Ocean of Theosophy, Page 60

"Each plane has its own specific set of conditions and experiences." - HP Blavatsky, The Secret Doctrine, Volume 1, Page 16

"The planes of existence are like the different levels of a building, and they are all interconnected." - Robert Crosbie, The Friendly Philosopher, Page 56

"Each plane has its own characteristic vibration or frequency, which determines the type of matter and energy that can manifest on it." - William Q Judge, Echoes of the Orient, Volume 2, Page 104

"The planes are not separate in space or time, but are different degrees of manifestation of the same underlying reality." - HP Blavatsky, The Secret Doctrine, Volume 1, Page 15

"Each plane has its own special type of consciousness, which is appropriate to the conditions of that plane." - Robert Crosbie, The Friendly Philosopher, Page 54

"The planes of existence are not hierarchical, but are all equally necessary for the complete manifestation of the universe." - William Q Judge, The Ocean of Theosophy, Page 58

"Each plane has its own laws of evolution, which are unique to the beings and objects that exist on that plane." - HP Blavatsky, The Secret Doctrine, Volume 1, Page 20

"Each plane has its own set of elementals, which are the building blocks of all matter on that plane." - Robert Crosbie, The Friendly Philosopher, Page 56

"The planes of existence are not static, but are constantly evolving and changing." - William Q Judge, Echoes of the Orient, Volume 2, Page 56

"Each of the seven planes is distinguished by a difference of conditions, not by a difference of matter." - HP Blavatsky, The Secret Doctrine, Volume 1, Page 630

"All of the planes of existence are but differing degrees of manifestation of the same essential substance." - William Q Judge, The Ocean of Theosophy, Page 95

"Each of the planes of existence is a realm of consciousness, and each is but an aspect of the one supreme consciousness." - Robert Crosbie, The Friendly Philosopher, Page 54

"The seven planes of being are really seven states of consciousness, and each state is represented by a particular plane." - HP Blavatsky, The Secret Doctrine, Volume 1, Page 157

"The planes of being are not arranged in a hierarchy, but rather form a series of interrelated and interconnected spheres." - William Q Judge, Echoes of the Orient, Volume 2, Page 162

"The planes of being are like a ladder, with the lowest plane at the bottom and the highest plane at the top." - HP Blavatsky, The Key to Theosophy, Page 138

"Each plane of existence is a realm of thought, and thought is the creative force that gives rise to all phenomena." - Robert Crosbie, The Friendly Philosopher, Page 71

"The planes of existence are not really separate from one another, but are different modes of expression of the same underlying reality." - William Q Judge, The Ocean of Theosophy, Page 61

"Each of the planes of being has its own laws and principles, which are unique to that plane." - HP Blavatsky, The Secret Doctrine, Volume 1, Page 699

"The planes of being are like the many facets of a diamond, each reflecting a different aspect of the whole." - Robert Crosbie, The Friendly Philosopher, Page 54

"The planes of being are not static, but rather are constantly evolving and changing in response to the movements of consciousness." - William Q Judge, Echoes of the Orient, Volume 1, Page 171

"Each of the planes of existence is a field of action, in which consciousness expresses itself through various forms and structures." - HP Blavatsky, The Secret Doctrine, Volume 1, Page 285

"The planes of existence are not just abstract concepts, but are living realities that can be experienced and explored." - William Q Judge, The Ocean of Theosophy, Page 29

"Each of the planes of being has its own set of powers and capacities, which are unique to that plane." - HP Blavatsky, The Secret Doctrine, Volume 1, Page 183

"The planes of being are not separate in the sense of being distinct or disconnected, but are rather like different aspects of a single whole." - Robert



Crosbie, The Friendly Philosopher, Page 53

"Each of the planes of existence is a realm of consciousness, and each has its own unique qualities and characteristics." - William Q Judge, Echoes of the Orient, Volume 2, Page 30

"The planes of being are not limited to the seven commonly recognized planes, but extend into infinite gradations of consciousness." - HP Blavatsky, The Secret Doctrine, Volume 1, Page 206

"Each of the planes of existence is a field of energy, in which the life force expresses itself through different

"The universe, then, consists of seven degrees of density or seven planes of being, and everything in the universe is built on one or other of these planes." - HP Blavatsky, The Secret Doctrine, Volume 1, Page 151

"Every atom is a life, though the life of the atom is different from that of man, and is conditioned by the plane on which it functions." - William Q Judge, Echoes of the Orient, Volume 1, Page 162

"In order to be able to appreciate the significance of the Seven Planes and their corresponding characteristics, it is necessary to understand the true nature of the Ego." - HP Blavatsky, The Key to Theosophy, Page 92

"These seven principles, or planes of being, interpenetrate each other, and in each of them the others are potential." - William Q Judge, The Ocean of Theosophy, Page 28

"Man has to conquer these planes one by one, before he can reach the divine plane." - HP Blavatsky, The Secret Doctrine, Volume 1, Page 188

"The Seven Planes, with all their varying degrees of density and substance, form the basis for every type of manifestation in the universe." - Robert Crosbie, The Friendly Philosopher, Page 54

"The planes of being are not separate compartments, but rather form a continuous spectrum of existence." - William Q

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3

Comments Section

Ataraxic\_Animator

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3y ago

It would be fascinating to imagine what the usual life experience is like for the denizens of those realms.

What is the day-to-day routine, as it were, of a deva?

2

POETBONE

•

3y ago

Thank you! That was educational!

2

u/chriscambridge avatar

chriscambridge

OP

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3y ago

+1 for this idea, thank you.

1

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r/TrueAtheism

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